MINISTRY OF EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
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DESSERTATION OF MASTER OF SCIENCE DEGREE

Online Question Bank and Exam Maker

Specialty: 6M070400 - Computer Software and Hardware

Graduate Sayassatov D.

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Almaty – 2012

MINISTRY OF EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
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ӘОЖ (әмбебапондықжүйелеудіңиндексі)

Қолжазбақұқында

SAYASSATOV DULAN

Online Question Bank and Exam Maker

6M070400 - Computer Software and Hardware
Dissertation of Master of Science degree

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CONTENT:

GLOSSARY

Dreamweaver - Adobe Dreamweaver (formerly Macromedia Dreamweaver) is a proprietary web development application originally created by Macromedia. It is now developed by Adobe Systems, which acquired Macromedia in 2005

Ethernet - Ethernet is the most widely installed local area network technology. It

was developed during the late 1970s through a partnership of DEC, Intel, and Xerox.

HTML - HyperText Markup Language (HTML) is the main markup language for displaying web pages and other information that can be displayed in a web browser

HTTP - The Hypertext Transfer Protocol (HTTP) is an application protocol for distributed, collaborative, hypermedia information systems.[1]HTTP is the foundation of data communication for the World Wide Web

Internet - Term used to refer to the world's largest internetwork, connecting

thousands of networks worldwide. Also known as the world wide web (www)

LAN (Local Area Network) – computer/data network which is confined in a limited geographical area.

Network - A group of computers and devices that can communicate with each other and share resources.

Notepad - A simple text editor for Microsoft Windows. It has been included in all versions of Microsoft Windows sinceWindows 1.0 in 1985.

PHP - Personal Home Page

Scriptinglanguage - A scripting language or script language is a programming language that supports the writing of scripts, programs written for a software environment that automate the execution of tasks which could alternatively be executed one by one by a human operator

Server - A computer that handles requests for data, email, files, and other network

services from other computers (clients)

XFroms - An XML format for the specification of a data processing model for XML data and user interface(s) for the XML data, such as web forms. Web application - A web application is an application that is accessed over a network such as the Internet or an intranet [1]. The term may also mean a computer software application that is coded in a browser-supported language

Webbrowser- A software application for retrieving, presenting, and traversing information resources on the World Wide Web. Aninformation resource is identified by a Uniform Resource Identifier (URI) and may be a web page, image, video, or other piece of content.

Website - A set of related web pages containing content such as text,images, video, audio, etc.

LIST OF ABBREVIATIONS

PHP – Personal Home Page

HTML – HyperText Markup Language

MySQL – My Structured Query Language

DNS – Domain Name Service

SQL – Structured Query Language

HTTP – The Hypertext Transfer Protocol

DHCP – Dynamic Host Configuration Protocol

WAMP - Windows, Apache, MySQL, PHP/Perl/Python

WK - WebKit

Introduction

To begin with, I would like to welcome all of you and tell you about how I conceived the idea of creating "Online Question Bank and Exam Maker". Early "Online Question Bank and Exam Maker" planned to be written on the Html language but then there was a problem with the creation of the database and it was decided to create a website in PHP, because PHP is a multi-programming language that can be used to achieve dynamic Web site and other features.

It's no secret that the introduction of "Online Question Bank and Exam Maker" a positive impact on the reputation of institutions and facilitate the work of teachers.

How useful '**Online Question Bank and Exam Maker'** for educational institutions?

As you can imagine in our modern time, teachers are busy and they do not always have time to create different types of exams!

Here is the answer to this need, and "Online Question Bank and Exam Maker" Teachers will be able, without being distracted from their work to create different types of exams. To do this, just go online and go through the site "Online Question Bank and Exam Maker" to log in and select or create a new test using questions from the database, in which the questions are added by teachers. The meaning of the program is to facilitate the creation of the exam system, as well as to create a worksheet. Also, the idea is that each teacher had his own private office. To enter the personal office needs a combination of login and password. Through his personal account, each user depending on the profession (teacher of mathematics, physics teacher, a teacher of chemistry, etc.) will be able to view statistics added to his questions, or added other teachers questions.

Most teachers with whom I discussed this idea, supported me and said that it would be a good idea to use the "Online Question Bank and Exam Maker" in educational institutions, as most

teachers find it difficult to create exams in several versions, as well as those teachers are hard to print complex formulas are applied to complex calculations. It should be noted that the print quality of the most complicated formulas are very happy. Previously, it was impossible. In summary, it is possible that in the near future, all educational institutions will use the technology "Online Question Bank and Exam Maker".

1.RESEARCH PART

At the very beginning I thought about how to make this program as a desktop application or as a Web application. A desktop application is a self-contained program that performs a defined set of tasks under the user control. Desktop applications run from a local drive and do not require a network or connectivity to operate or function properly, though if attached to network desktop applications might use the resources of the network. Web applications can be easily accessed from any computer or location that has Internet access. Travelers especially benefit from the accessibility. This often means that if a traveler has access to a computer, phone or handheld with Internet connectivity they can utilize the web application.Web applications rely on persistent and unmanaged connectivity. If you do not have an Internet connection or if your host does not have Internet connectivity you cannot access the information. Critical applications or businesses that are time sensitive cannot risk denial of service attacks or power outages to interrupt their operations and access data that is sensitive.I chose that, my application will be made as web application since it is centralized and has the shared database. The program compared is very convenient because all the questions that are stored in the database can be used, supplemented and amended by teachers, compared to other programs for only a web browser. And when you create the same program for the desktop application to do it cross-platform program so that it runs under any operating system, it is one of the benefits of our program. In our program compared to other programs we use the MathJax. MathJax needs to display the formulas, while other programs use pictures. For example LaTeX, it use codes to generate an image but quality is not so high, Mathjax codes required equations and saves in database when equation symbols are used in math and other sciences. Example: $\sqrt[4]{16}$ Mathjax converts to: **\sqrt[4]{16}** I managed to solve the problem of saving questions concerning sciences in the database. Mathjax

enables to view the question in original format when the question is requested from database. When user adds the questions, I have option like grade, type, topic, subtopic, language and complexity of the questions.These characteristics are important in the usage of questions later on.Questions are added in several types: multiple choice, true/false, fill in the blanks, classic, Olympiad, match words.

2. APPLIED SOFTWARE AND LANGUAGES

In this section I will describe what programs and other software used in the development of the site.

Our program uses MathJax, to display the formulas, while other programs use pictures. For example LaTeX, it use codes to generate an image but quality is not so high, Mathjax codes required equations and saves in database when equation symbols are used in math and other sciences. Example: $\sqrt[4]{16}$ Mathjax converts to: **\sqrt[4]{16}** I managed to solve the problem of saving questions concerning sciences in the database. Mathjax enables to view the question in original format when the question is requested from database.

MathJax - A modular JavaScript framework for including mathematics in web pages. It can take input in various formats, like TeX and MathML, and can produce output in various forms, such as MathML or HTML-with-CSS.

WkHtmlToPDF - Simple shell utility to convert html to Pdf using the Webkit rendering engine, and qt.

PHP - A scripting language general-purpose programming extensively used for web development applications. Currently supported by the vast majority of hosting providers and is one of the leading programming languages that are used to create dynamic Web sites.

Html - Standard markup language documents on the World Wide Web. Most Web pages are created with the help of language HTML (or XHTML). HTML is interpreted by web browsers and displayed as a document in human readable form.

Dreamweaver - HTML-editor from Adobe Originally designed and maintained a company Macromedia up to version 8 (2005). Future versions, starting with Dreamweaver CS3 (2007),

released Adobe. A rich toolbox, open the application for all kinds of settings, intuitive interface and other features have made Dreamweaver one of the most popular HTML-editors in the world. The disadvantage is the addition of "extra" code.

WAMP -Build cross-platform web server containing Apache, MySQL, shell scripts PHP, Perl programming language and a large number of additional libraries that allow to run of full value server.

Apache - A free web server.

Apache is cross-platform software that supports the operating system Linux, BSD, Mac OS, Microsoft Windows, Novell NetWare, BeOS.

The main advantages of Apache are considered the reliability and configuration flexibility. It allows you to connect external modules to provide the data, use the database to authenticate users to modify bug reports, etc.

MySQL-free database management system (DBMS). MySQL is owned by Oracle Corporation.

Dynamic Web-Site -Each page is displayed dynamic Web-site based on the template page, which is inserted into the constantly changing content, which is usually stored in a database. When a user requests a page, the corresponding information is retrieved from the database is inserted into the template, forming a new Web-page and the Web-server is sent to the user's browser, which displays it properly. In addition to content, can be created dynamically, and also the navigation controls on the Web-site. So, if you need to update the contents of the site, you simply add text to a new page, which is then inserted into the database using a specific mechanism. The result is that Web-site as it updates itself.

2.1 HTML

HyperText Markup Language (HTML) is the main markup language for displaying web pages and other information that can be displayed in a web browser.

HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags, known as empty elements, are unpaired, for example <img>. The first tag in a pair is the start tag, the second tag is the end tag (they are also called opening tagsand closing tags). In between these tags web designers can add text, tags, comments and other types of text-based content.

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.

HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to createinteractive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts in languages such as JavaScript which affect the behavior of HTML webpages.

Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. TheW3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicitly presentational HTML markup

2.2 PHP

PHP is a general-purpose server-side scripting language originally designed for Web development to produce dynamic Web pages. It is one of the first developed server-side scripting languages to be embedded into an HTML source document rather than calling an external file to process data. The code is interpreted by a Web server with a PHP processor module which generates the resulting Web page. It also has evolved to include a command-line interface capability and can

be used in standalone graphical applications. PHP can be deployed on most Web servers and also as a standalone shell on almost every operating system and platform free of charge. A competitor to Microsoft's Active Server Pages (ASP) server-side script engine and similar languages, PHP is installed on more than 20 million Web sites and 1 million Web servers. Software that uses PHP includes Joomla, Wordpress, MyBB, and Drupal.

PHP was originally created by Rasmus Lerdorf in 1995. The main implementation of PHP is now produced by The PHP Group and serves as the formal reference to the PHP language. PHP is free software released under the PHP License, which is incompatible with the GNU General Public License (GPL) due to restrictions on the usage of the term PHP.

While PHP originally stood for "Personal Home Page", it is now said to stand for "PHP: Hypertext Preprocessor", a recursive acronym.

The PHP interpreter only executes PHP code within its delimiters. Anything outside its delimiters is not processed by PHP (although non-PHP text is still subject to control structures described in PHP code). The most common delimiters are <?php to open and ?> to close PHP sections. <script language="php"> and </script>delimiters are also available, as are the shortened forms <? or <?= (which is used to echo back a string or variable) and ?> as well as ASP-style short forms <% or <%= and %>. While short delimiters are used, they make script files less portable as support for them can be disabled in the PHP configuration, and so they are discouraged.[62] The purpose of all these delimiters is to separate PHP code from non-PHP code, including HTML.[63]

The first form of delimiters, <?php and ?>, in XHTML and other XML documents, creates correctly formed XML 'processing instructions'.[64] This means that the resulting mixture of PHP code and other markup in the server-side file is itself well-formed XML.

Variables are prefixed with a dollar symbol, and a type does not need to be specified in advance. Unlike function and class names, variable names are case sensitive. Both double-quoted ("") and heredoc strings provide the ability to interpolate a variable's value into the string.[65] PHP treats newlines as whitespace in the manner of a free-form language (except when inside string quotes), and statements are terminated by a semicolon.[66] PHP has three

types of comment syntax: /* */ marks block and inline comments; // as well as # are used for one-line comments.[67] The echo statement is one of several facilities PHP provides to output text, e.g., to a Web browser.

In terms of keywords and language syntax, PHP is similar to most high level languages that follow the C style syntax. if conditions, for and while loops, and function returns are similar in syntax to languages such as C, C++, Java and Perl.

2.3 WAMP

WAMPs are packages of independently-created programs installed on computers that use a Microsoft Windows operating system.

WAMP is an acronym formed from the initials of the operating system Microsoft Windows and the principal components of the package: Apache, MySQL and one of PHP, Perl orPython. Apache is a web server. MySQL is an open-source database. PHP is a scripting language that can manipulate information held in a database and generate web pages dynamically each time content is requested by a browser. Other programs may also be included in a package, such as phpMyAdmin which provides a graphical user interface for the MySQL database manager, or the alternative scripting languages Python or Perl. Equivalent packages are MAMP (for the Apple Mac) and LAMP (for the Linux operating system).

2.4 Dreamweaver

Adobe Dreamweaver (formerly Macromedia Dreamweaver) is a proprietary web development application originally created by Macromedia. It is now developed by Adobe Systems, which acquired Macromedia in 2005.

Dreamweaver is available for both Mac and Windows operating systems.

Recent versions have incorporated support for web technologies such as CSS, JavaScript, and various server-side scriptinglanguages and frameworks including ASP (ASP JavaScript, ASP VBScript, ASP.NET C#, ASP.NET VB), ColdFusion,Scriptlet, and PHP.

Provider	Major version	Minor update/alternative name	Release date	Notes
Macromedia	1.0	1.0	December 1997	First version. Mac OS only.
		1.2	March	First Windows version.

			1998	
	2.0	2.0	December 1998	
	3.0	3.0	December 1999	
		UltraDev 1.0	June 1999	
	4.0	4.0	December 2000	
		UltraDev 4.0	December 2000	
	6.0	MX	29 May 2002	
	7.0	MX 2004	10 September 2003	
	8.0	8.0	13 September 2005	Last Macromedia version.
Adobe	9.0	CS3	16 April 2007	Replaces Adobe GoLive in Creative Suite.
	10.0	CS4	23 September 2008	
	11.0	CS5	12 April	

			2010	
	11.5	CS5.5	12 April 2011	Supports HTML5.
	12.0	CS6	21 April 2012	

2.5 MathJax

MathJax is a cross-browser JavaScript library that displays mathematical equations in web browsers, using LaTeX math andMathML markup. MathJax is released as open-source software under the Apache license.

The MathJax project started in 2009 as the successor to an earlier JavaScript mathematics formatting library, jsMath, and is managed by Design Science. The project is sponsored by the American Mathematical Society, Design Science, and the Society for Industrial and Applied Mathematics and is supported by the American Physical Society, Elsevier, and Project Euclid.

MathJax is used by web sites including Wikipedia, MathSciNet, GitHub, n-category cafe, MathOverflow, Scholarpedia, Project Euclid journals, and the All-Russian Mathematical Portal.

MathJax downloads with web page content, scans the page content for equation markup, and typesets the math. Thus, MathJax requires no installation of software or fonts on the reader's system. This allows MathJax to run in any browser with JavaScript support, including mobile devices.

MathJax can display math by using a combination of HTML and CSS or by using the browser's native MathML support, when available. The exact method MathJax uses to typeset math is determined by the capabilities of the user's browser, fonts available on the user's system, and configuration settings. MathJax v2.0-beta introduced SVG rendering.

In the case of HTML and CSS typesetting, MathJax maximizes math display quality by using math fonts if available and by resorting to images for older browsers. For newer browsers that

support web fonts, MathJax provides a comprehensive set of web fonts, which MathJax downloads as needed. If the browser does not support web fonts, MathJax checks if valid fonts are available on the user's system. If this does not work, MathJax provides images of any symbols needed. MathJax can be configured to enable or disable web fonts, local fonts, and image fonts.

MathJax can display mathematical notation written in LaTeX or MathML markup. Because MathJax is meant only for math display and LaTeX is a document layout language, MathJax only supports the subset of LaTeX used to describe mathematical notation.

MathJax also supports math accessibility by exposing MathML through its API to assistive technology software, as well as the basic WAI-ARIA 'role' and older 'altext' attributes.

The MathJax architecture is designed to support the addition of input languages and display methods in the future via dynamically loaded modules. MathJax also includes a JavaScript API for enumerating and interacting with math instances in a page.

2.6 Apache

The Apache HTTP Server Project is a collaborative software development effort aimed at creating a robust, commercial-grade, featureful, and freely-available source code implementation of an HTTP (Web) server. The project is jointly managed by a group of volunteers located around the world, using the Internet and the Web to communicate, plan, and develop the server and its related documentation. This project is part of the Apache Software Foundation. In addition, hundreds of users have contributed ideas, code, and documentation to the project. This file is intended to briefly describe the history of the Apache HTTP Server and recognize the many contributors.

2.7 MySQL

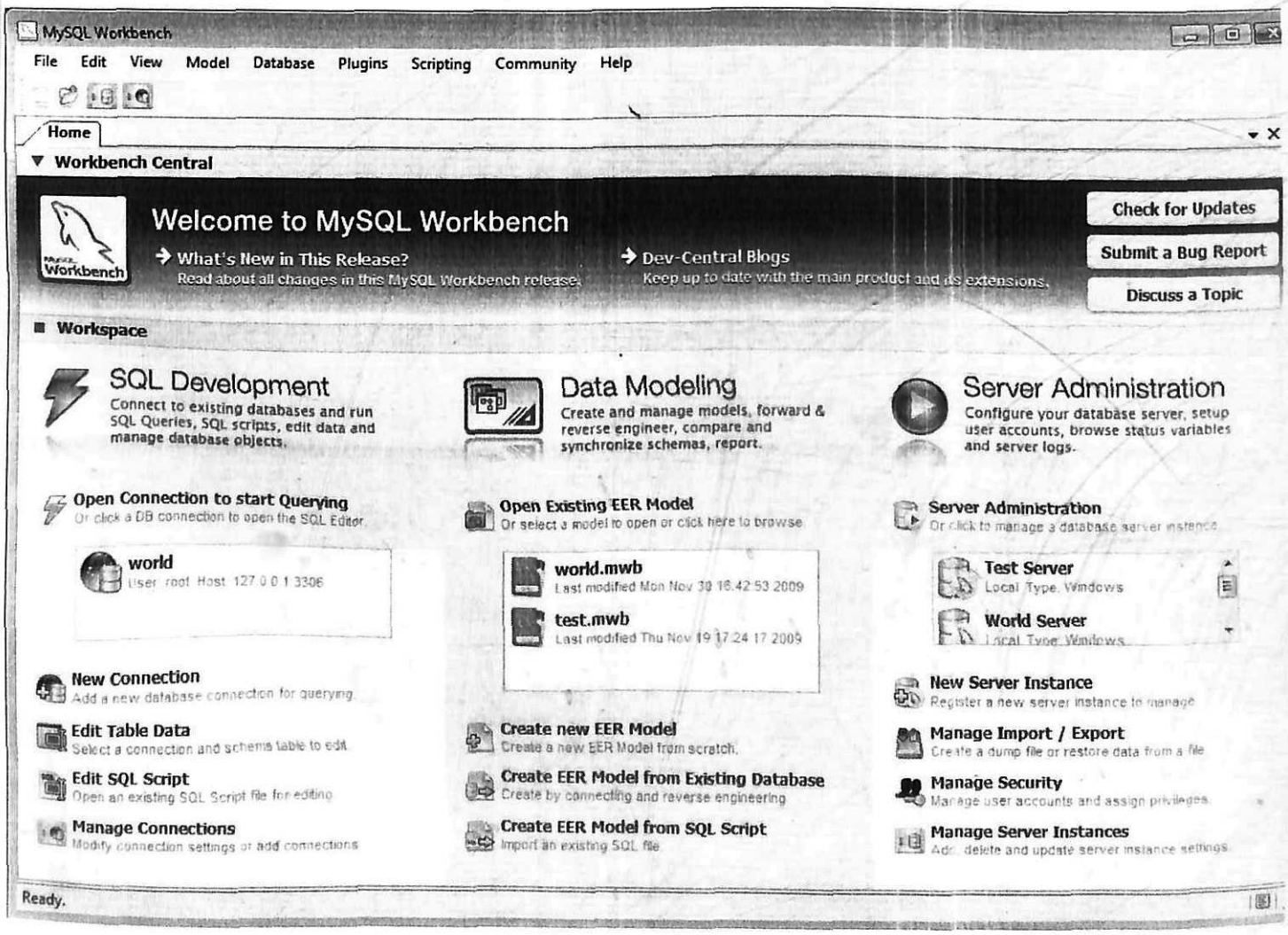
MySQL is a popular choice of database for use in web applications, and is a central component of the widely used LAMP open source web application software stack—LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python".

MySQL is an open source database management system and is used in some of the most frequently visited websites on the Internet, including Flickr, Nokia.com,YouTubeand as previously mentioned, Wikipedia, Google, Facebook and Twitter.

MySQL is written in C and C++. Its SQL parser is written in yacc, and a home-brewed lexical analyzer named sql_lex.cc.

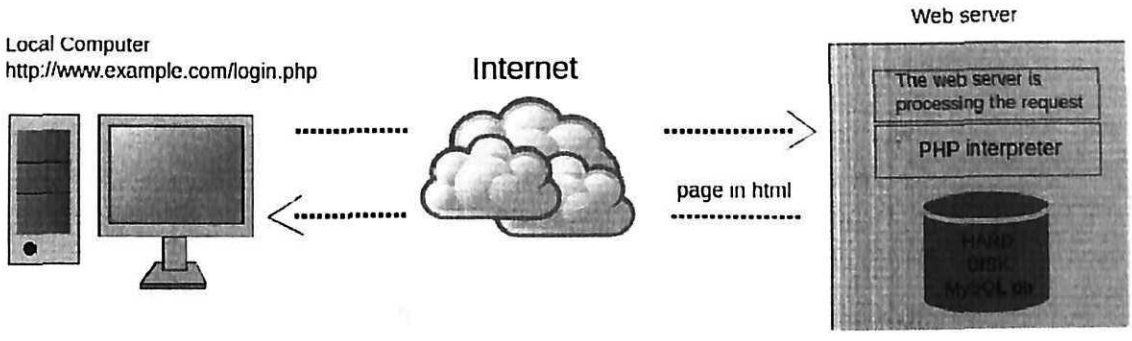
MySQL works on many different system platforms, including AIX, BSDi, FreeBSD, HP-
UX, eComStation, i5/OS, IRIX, Linux, Mac OS X, Microsoft Windows, NetBSD, Novell
NetWare, OpenBSD, OpenSolaris, OS/2 Warp, QNX, Solaris, Sym bian, SunOS, SCO OpenServer, SCO UnixWare, Sanos and Tru64. A port of MySQL to OpenVMS also exists.

Many programming languages with language-specific APIs include libraries for accessing MySQL databases. These include MySQL Connector/Net for integration with Microsoft'sVisual Studio (languages such as C# and VB are most commonly used) and the JDBC driver for Java. In addition, an ODBC interface called MyODBC allows additional programming languages that support the ODBC interface to communicate with a MySQL database, such as ASP or ColdFusion.



The HTSQL - URL-based query method also ships with a MySQL adapter, allowing direct interaction between a MySQL database and any web client via structured URLs.

2.8 Dynamic Web-Site



Dynamic web pages are web sites that are generated at the time of access by a user or change as a result of interaction with the user. Dynamic web pages are a fundamental part of Web 2.0 which facilitates information sharing across multiple websites.

2.9 Analyzing

Originally Online Question Bank and Exam Maker were written in html language, but we have a problem with the addition of information. The problem was keeping the issues and update them when we come to the conclusion that writing Online Question Bank and Exam Maker on html language was quite impossible, and then I went to my supervisor, he offered me a lot of options but I chose one. I chose the language for writing sites under the name of writing PHP.

In the area of programming for the Internet PHP - one of the most popular scripting languages because of its simplicity, speed, performance, rich functionality, cross-platform and distribution of source code under license PHP. PHP is different from other similar languages, such as client JavaScript, so that the code is executed on the server.

The popularity of building web sites is determined by the presence of a large set of built-in tools for developing Web applications. The main ones are:

• Automatic extraction of POST and GET-parameters and environment variables a web server in the predefined array;

- Interaction with many different database systems (MySQL)
- Automated sending HTTP-headers;
- Working with HTTP-authorization;
- Working with cookies and sessions;
- Working with local and remote files, sockets.
- processing files uploaded to the server;
- Working with XForms;

Currently, PHP is used by hundreds or thousands of developers. According to the rating Corporation TIOBE, based on data retrieval systems, in April, 2011 PHP was the 5th place among programming languages. The largest sites using PHP, includes FaceBook, VKontakte, Wikipedia, etc.

Since it was decided to create a web log on the multi-language PHP, there was a need for a remote server to store the database, etc.

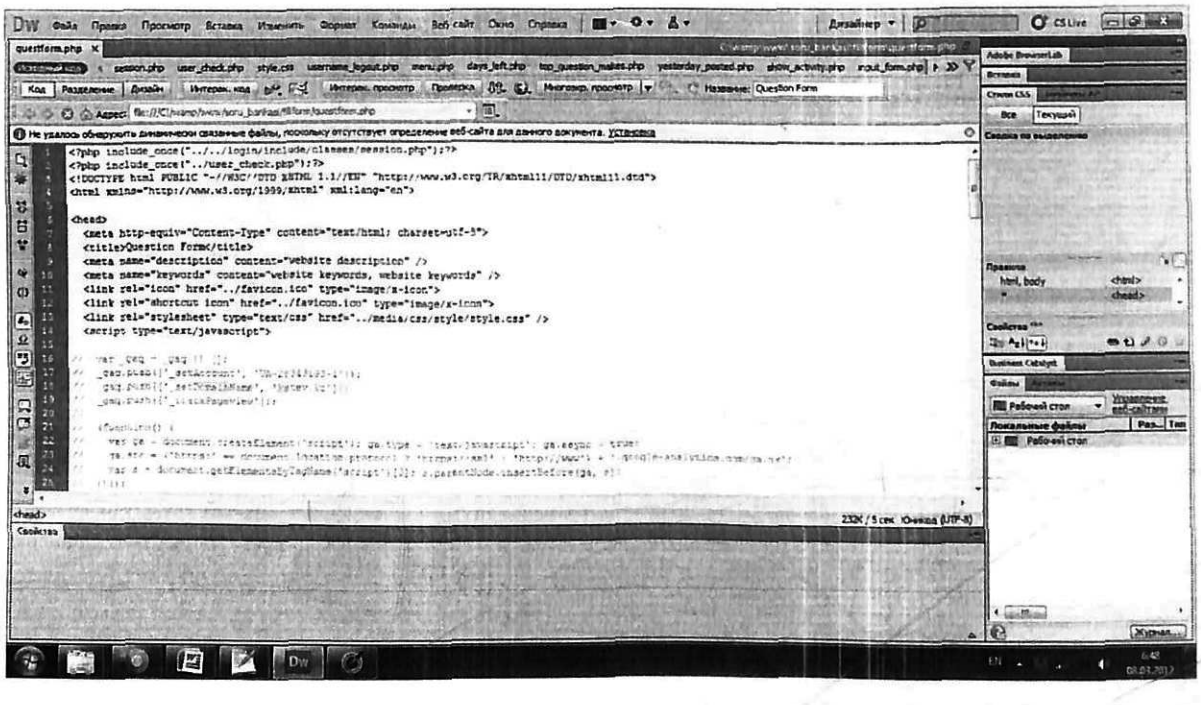
And then it was decided to use a multifunction program called WAMP, because it was very convenient, easy interface and remote Apache server, as well as a MySQL database to create database tables, etc.

Then there was a problem with making a web site, write a Notepad + + has been a long time and is inefficient, then it was decided to send e-magazine in Adobe Dreamweaver multifunctional program created for writing web sites.

3. DEMONSTRATION

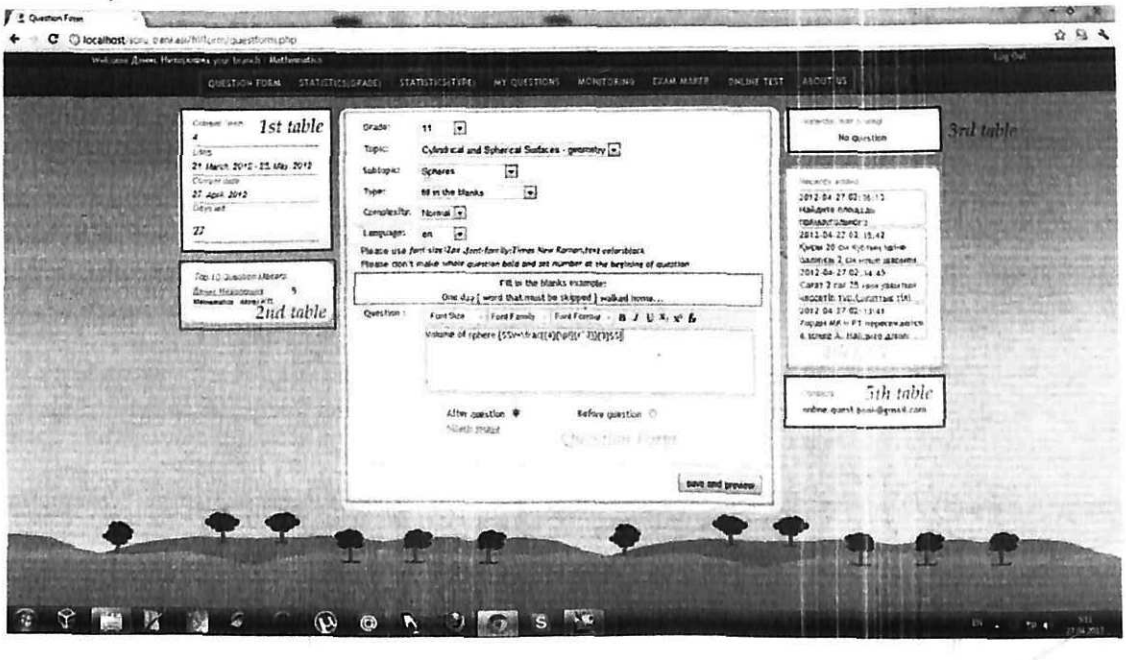
Here I will demonstrate how to create an "Online Question Bank and Exam Maker" and its source code.

The first thing I want to show you the source code for the main page in Dreamweaver



3.1 Question form

Here we can see a screenshot of the home page(**Question form)**



Question form- In main page at question form user can add questions, he must select the grade, type, topic, subtopic, language and complexity of the questions. These characteristics are important in the usage of questions later on. Questions are added in several types: multiple choices, true/false, fill in the blanks, classic, olympiad, match words.

Menu – Here we have navigation of our site

1st table - At the first table we can see information about the quarter, as days left until the end of quarter and current date

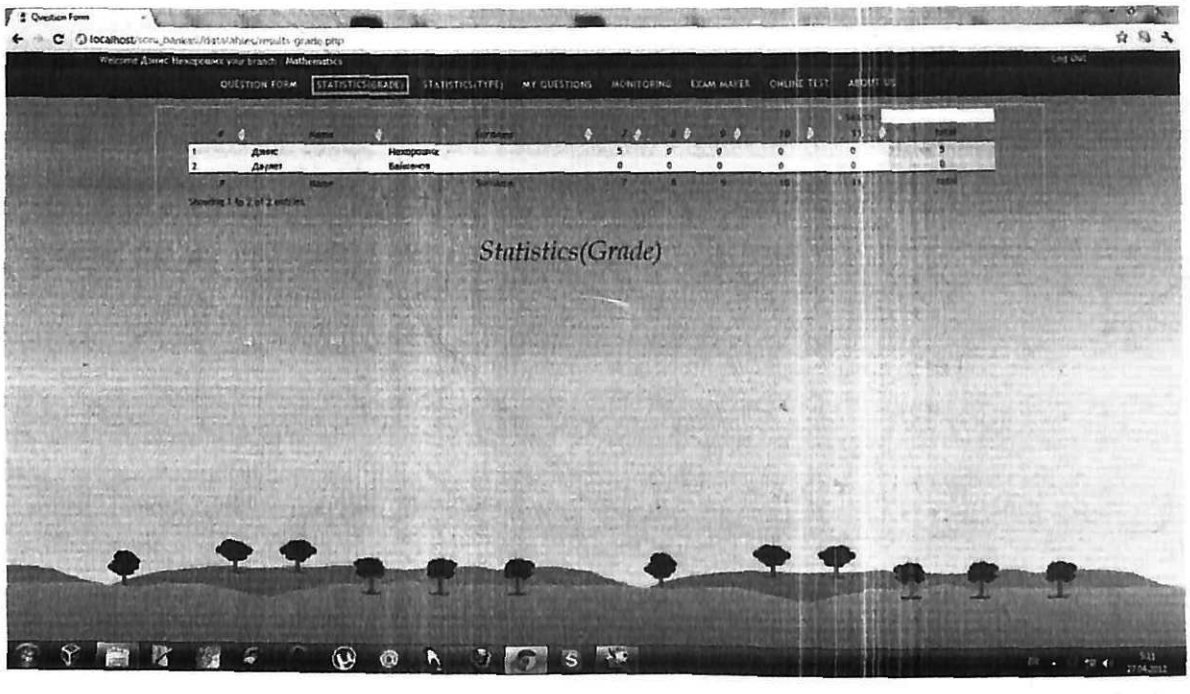
2nd table – At the second table we can see Top 10 Question Makers

3rd table – At the third table we can see how many questions were posted yesterday

4th table – At the fourth table we can see recently added questions

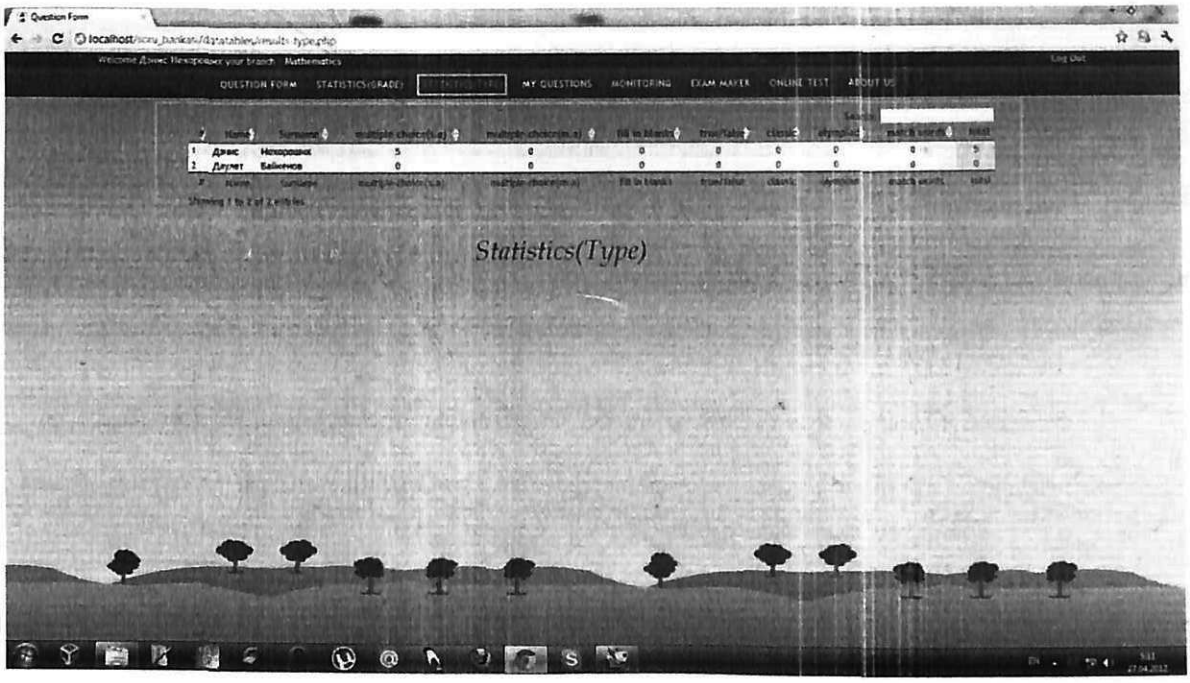
5th table – At the fifth table we can see contact e-mail

3.2 Statistics(Grade)



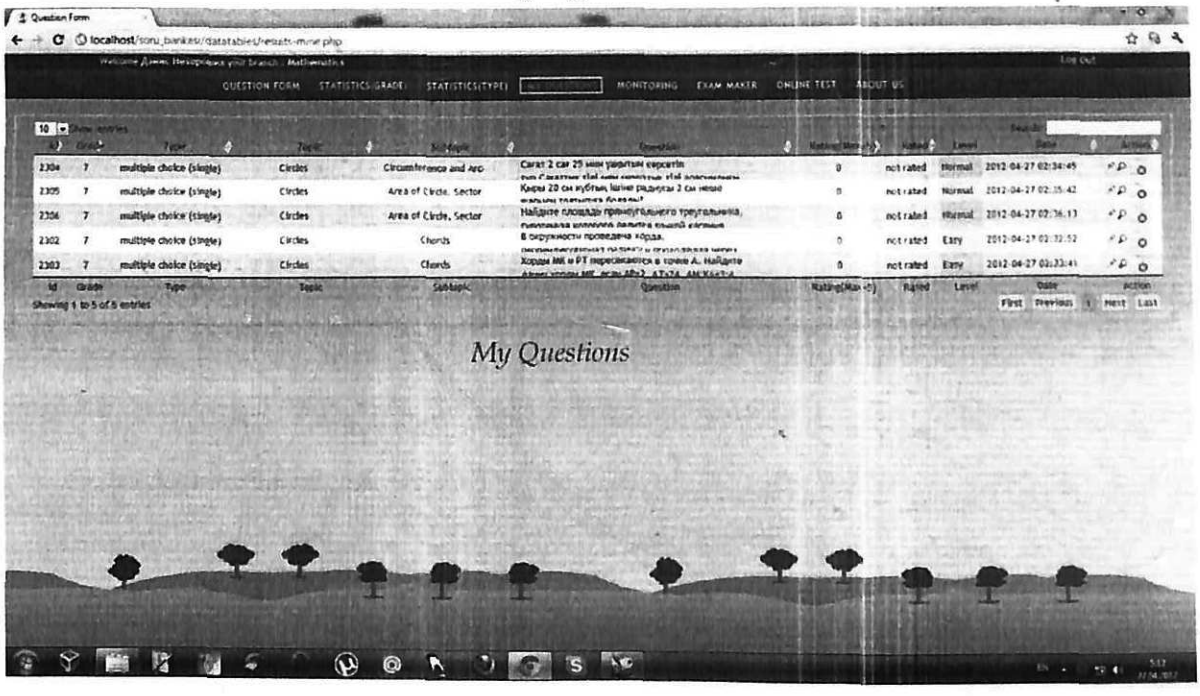
Statistic (Grade)- Grade part provides with the statistic about the number of questions each teacher added to this site.

3.3 Statistic (Type)



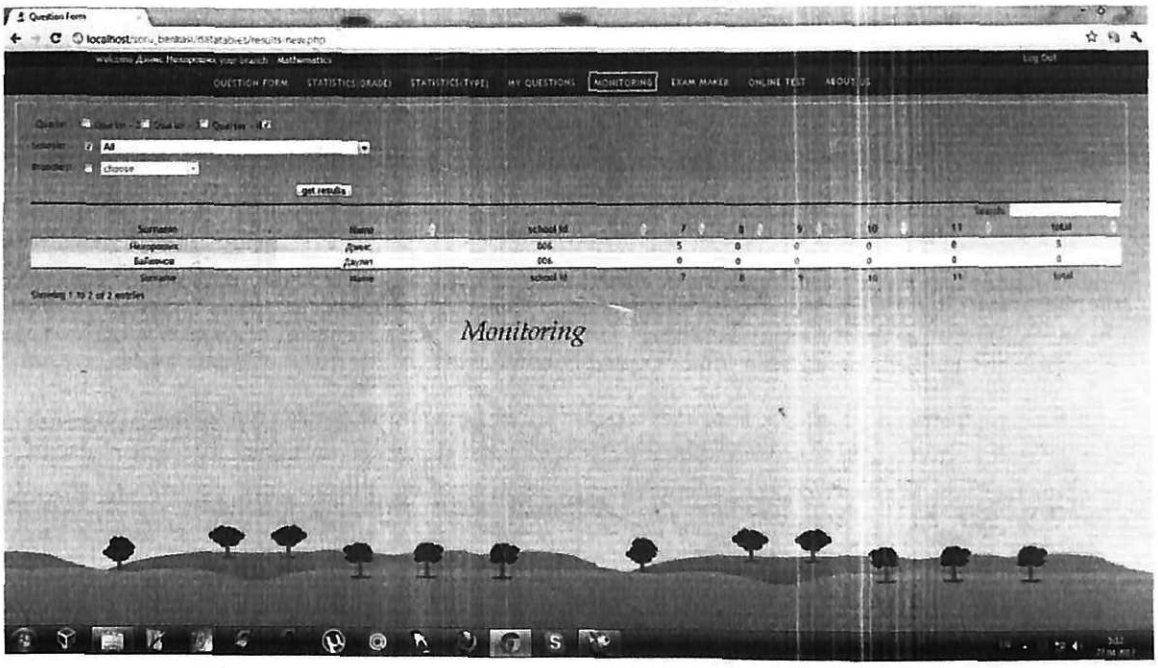
Statistic (Type)- This function shows us a statistic of teachers according to the type of questions they added.

3.4 My questions



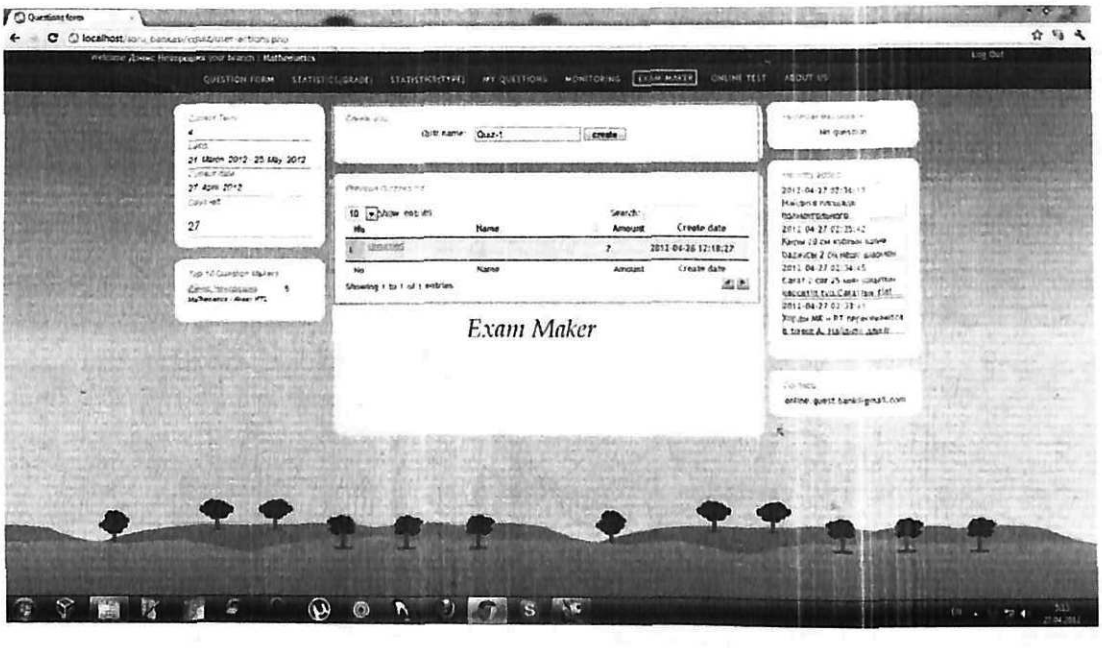
My questions -Each teacher may edit, preview and delete his or her questions.

3.5 Monitoring



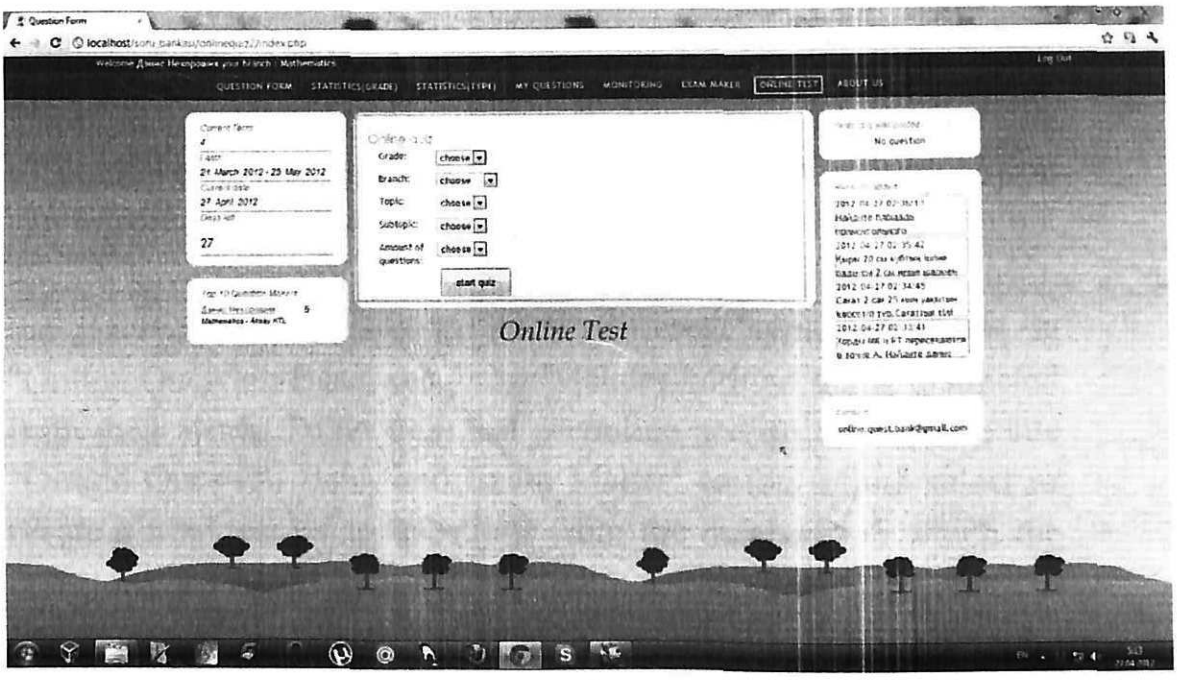
Monitoring -Shows the statistic according to term, school and branch.

3.6 Exam Maker



Exam Maker-In this part, a teacher can quickly draw up the exam using the questions stored in the database. Prepared quiz can be saved in PDF format.

3.7 Online Test



Online Test –There you can set certain type and number of questions answering them at once online.

CONCLUSION

In conclusion we want to say thatthe introduction of "Online Question Bank and Exam Maker" a positive impact on the reputation of institutions and facilitate the work of teachers. As you can imagine in our modern time, teachers are busy and they do not always have time to create different types of exams!Because of it, the teacher will be able to create different types of exams in "Online Question Bank and Exam Maker» without being distracted from their work. To do this, just go online and go through the site "Online Question Bank and Exam Maker" to log in and select or create a new test using questions from the database, in which the questions are added by teachers. The meaning of the program is to facilitate the creation of the exam system, as well as to create a worksheet. Also, the idea is that each teacher had his own private office. To enter the personal office needs a combination of login and password. Through his personal account, each user depending on the profession (teacher of mathematics, physics teacher, a teacher of chemistry, etc.) will be able to view questions added by him, or added by the other teachers.

It is very good idea to add "Online Question Bank and Exam Maker" in educational institutions, since most teachers find it difficult to create exams in several versions, as well as those teachers are hard to print complex formulas are applied to complex calculations. It should be noted that the print quality of the most complicated formulas are very happy. Previously, it was impossible. In summary, it is possible that in the near future, all educational institutions will use the technology "Online Question Bank and Exam Maker".

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11. http://www.php.ru/

12. http://php.su/

13. WAMP server- www.wampserver.com/

14. Adobe Dreamweaver-www.adobe.com/

15. Php-www.php.net/

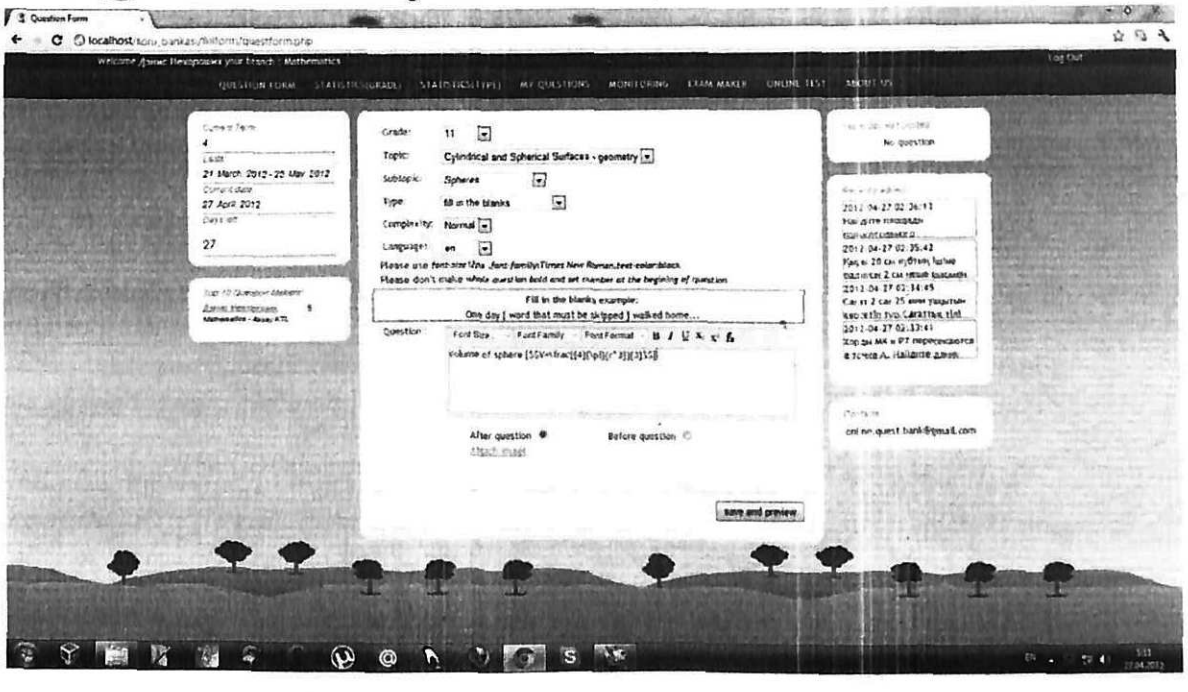
16. Html-www.html.net/

17. "MathJax: Rich Math display from LaTeX and MathML".

18. Hayes, Brian (2009), "Writing Math on the Web: The Web would make a dandy blackboard if only we could scribble an equation", American Scientist 92 (2): 98,

6.APPLICATION

Question form (Source code)




```
<?php include_once("../../login/include/classes/session.php");?>

<?php include_once("../user_check.php");?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">


<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8">

<title>Question Form</title>

<meta name="description" content="website description" />

<meta name="keywords" content="website keywords, website keywords" />

<link rel="icon" href="../favicon.ico" type="image/x-icon">

<link rel="shortcut icon" href="../favicon.ico" type="image/x-icon">

<link rel="stylesheet" type="text/css" href="../media/css/style/style.css" />

<script type="text/javascript">
```

```
// var _gaq = _gaq || [];
// _gaq.push(['_setAccount', 'UA-28343193-1']);
// _gaq.push(['_setDomainName', 'katev.kz']);
// _gaq.push(['_trackPageview']);
//
// (function() {
//     var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
//         ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js';
//             var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
// })();


function show(){
//             var result = document.getElementById("textarea");
//             MathJax.Hub.Queue(["Typeset", MathJax.Hub, result]);
alert(document.getElementById("textarea").value);
}
</script>
</head>
<?php flush(); ?>
<body>
<div id="main">
<div id="links"></div>
<div id="header">
<div id="logo">
```

```
<div id="logo_text">
<?php include("../includeFiles/username_logout.php"); ?>
<!-- class="logo_colour", allows you to change the colour of the logo text
<h1>a_bit<span class="logo_colour">_boxy</span></h1>
<h2>A simple, contemporary website template</h2>
-->
</div>
</div>
<div id="menubar">
<ul id="menu">
<?php include("../includeFiles/menu.php"); ?>
</ul>
</div>
</div>
<!--CONTENT-->
<!--<div id="site_content" style="width:875px">-->
<div id="site_content">

<div id="left_sidebar_container">

<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">



<!--<h5>Recently added..</h5>-->
<?php include("../includeFiles/days_left.php"); ?>
```

```
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Top 10 Question Makers:</h5>
<?php include("../includeFiles/top_question_makes.php"); ?>
</div>
<div class="sidebar_base"></div>
</div>
</div>

<div id="sidebar_container">
<!-- insert your sidebar items here -->
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Yesterday was posted...</h5>
<p><?php include("../includeFiles/yesterday_posted.php"); ?></p>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
```

```
<h5>Recently added..</h5>
<?php include("../includeFiles/show_activity.php");?>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Contacts..</h5>
<p>qbank@nur.kz</p>
</div>
<div class="sidebar_base"></div>
</div>
</div>

<div id="content_container">
<div id="content_top"></div>
<div id="content">
<?php include_once("input_form.php"); ?>
<!--<textarea id="textarea"></textarea>
<button onclick="show()">show</button>
--></div>
<div id="content_base"></div>
</div>

</div>
```

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<!-- <script type="text/javascript" src="../mathjax-MathJax/MathJax.js?config=TeX-AMS_HTML-full">

var result = document.getElementById("example");

MathJax.Hub.Queue(["Typeset", MathJax.Hub, result]);

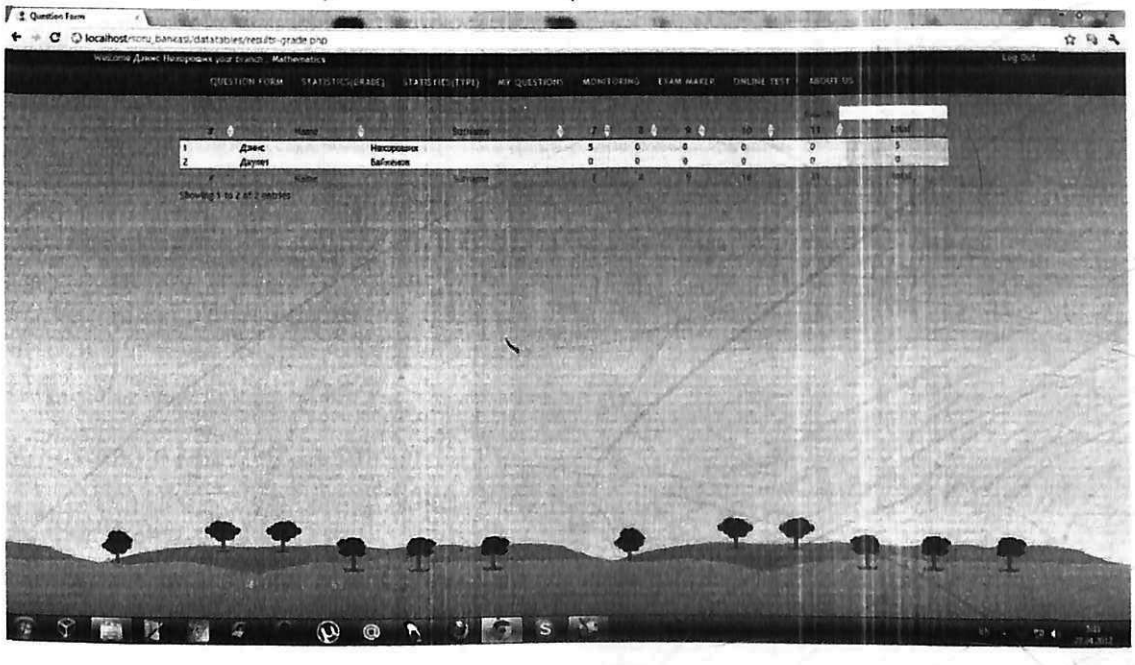
</script> -->

<?php include_once("../includeFiles/super-head.php");?>

</body>

</html>

Statistics(Grade) (Source code)



<?php include_once("../../login/include/classes/session.php");?>

<?php include_once("../user_check.php");?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">

<head>

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<title>Question Form</title>
<link rel="icon" href="../favicon.ico" type="image/x-icon">
<link rel="shortcut icon" href="../favicon.ico" type="image/x-icon">
<?php include_once("../includeFiles/datatables_head.php");?>
<script type="text/javascript" charset="utf-8">
$(document).ready(function() {
$('#example').dataTable({

"aaSorting":[[7, 'desc']],
"bLengthChange": true,//this is for length menu
"bPaginate": false,//this is for pagination
"sPaginationType": "full_numbers",
"bAutoWidth": false,
"aLengthMenu": [[-1, 10, 25, 50], ["All", 10, 25, 50]],
//                  "aLengthMenu": [10, 25, 50, "All"]]
});
$('#example').ready(function(){
$("#example_length").children().attr("value","-1");
});

});
</script>
<meta name="description" content="website description" />
<meta name="keywords" content="website keywords, website keywords" />
<script type="text/javascript">
```

```
var _gaq = _gaq || [];

_gaq.push(['_setAccount', 'UA-28343193-1']);

_gaq.push(['_setDomainName', 'katev.kz']);

_gaq.push(['_trackPageview']);


(function() {

var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async
= true;

ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') +
'.google-analytics.com/ga.js';

var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(ga, s);

})();


</script>

</head>

<body>


<div id="main">

<div id="links"></div>

<div id="header">

<div id="logo">

<div id="logo_text">

<?php include("../includeFiles/username_logout.php"); ?>

<!-- class="logo_colour", allows you to change the colour of the logo text

<h1>a_bit<span class="logo_colour">_boxy</span></h1>

<h2>A simple, contemporary website template</h2>

-->
```

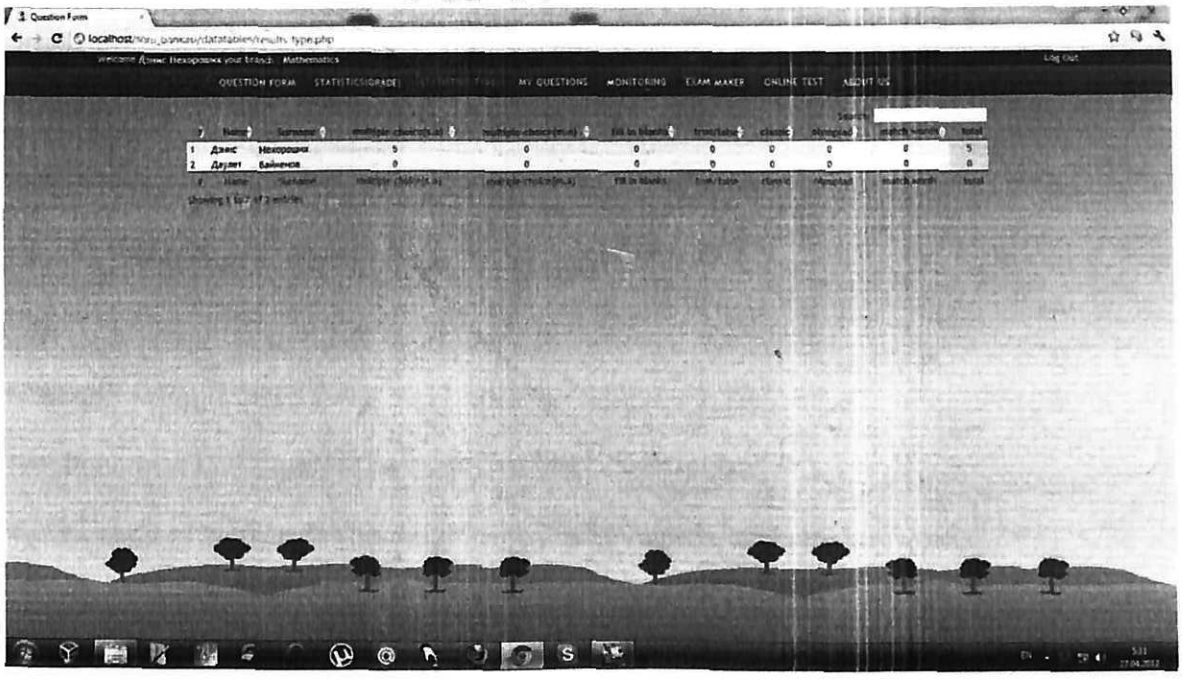
```
</div>

</div>

<div id="menubar">

<ul id="menu">

<?php include("../includeFiles/menu.php"); ?>

</ul>

</div>

</div>


<!--CONTENT-->

<div id="site_content">

<table cellpadding="0" cellspacing="0" border="0" class="display" id="example">

<thead>

<tr>

<th>Name</th>

<th>Surname</th>

<th>7</th>

<th>8</th>

<th>9</th>

<th>10</th>

<th>11</th>

<th>total</th>

</tr>

</thead>

<tbody>

<?php
```

```
include_once("../connection.php");

if(isset($_SESSION["id"]) && $_SESSION["id"] != "" )

{

$select_branch_id = mysql_query("select branch_id from katev_production_teacher_info where teacher_numeric_id = ".$_SESSION["id"]);

list($branch_id) = mysql_fetch_row($select_branch_id);


if( $branch_id != "" ){

$array = mysql_query("select * from sb_v_grade_count where branch_id = ".$branch_id) or die(mysql_error());

}

}

$count = 0;

while($result = mysql_fetch_array($array)){


$count++;

if($count%2==0){

echo "<tr class='even gradeC'>";


}else{

echo "<tr class='odd gradeX'>";

}

echo "<td class = 'center'><a style='color:black' href='../datatables/results-other.php?id=".$result['teacher_id']."' >".$result['name']."</a></td>

<td class = 'center'><a style='color:black' href='../datatables/results-other.php?id=".$result['teacher_id']."' >".$result['surname']."</a></td>

<td class = 'center'>".$result['7th']."</td>

<td class = 'center'>".$result['8th']."</td>
```

```
<td class = 'center'>".$result['9th']."</td>
<td class = 'center'>".$result['10th']."</td>
<td class = 'center'>".$result['11th']."</td>
<td class = 'center'>".$result['total']."</td>";
echo "</tr>";
}

?>
</tbody>
<tfoot>
<tr>
<th>Name</th>
<th>Surname</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>total</th>
</tr>
</tfoot>
</table>
</div>
<div id="footer"><a href = "http://katev.kz/"> Â«ÐšÐ□Ð¢Ð•VÂ» -
 2011</a></div>
</div>
</body>
```

</html>

Statistic (Type)(Source code)



```
<?php include_once("../../login/include/classes/session.php");?>

<?php include_once("../user_check.php");?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">


<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8">

<title>Question Form</title>

<link rel="icon" href="../favicon.ico" type="image/x-icon">

<link rel="shortcut icon" href="../favicon.ico" type="image/x-icon">

<?php include_once("../includeFiles/datatables_head.php");?>

<script type="text/javascript" charset="utf-8">

$(document).ready(function() {

$('#example').dataTable({
```

```
"aaSorting":[[9, 'desc']],
"bLengthChange": true,
"bPaginate": false,
"bAutoWidth": false


});
} );
</script>
<meta name="description" content="website description" />
<meta name="keywords" content="website keywords, website keywords" />
<script type="text/javascript">


var _gaq = _gaq || [];
_gaq.push(['_setAccount', 'UA-28343193-1']);
_gaq.push(['_setDomainName', 'katev.kz']);
_gaq.push(['_trackPageview']);


(function() {
var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async
= true;
ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') +
'.google-analytics.com/ga.js';
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(ga, s);
})();


</script>
</head>
```

```
<body>


<div id="main">

<div id="links"></div>

<div id="header">

<div id="logo">

<div id="logo_text">

<?php include("../includeFiles/username_logout.php"); ?>

<!-- class="logo_colour", allows you to change the colour of the logo text

<h1>a_bit<span class="logo_colour">_boxy</span></h1>

<h2>A simple, contemporary website template</h2>

-->

</div>

</div>

<div id="menubar">

<ul id="menu">

<?php include("../includeFiles/menu.php"); ?>

</ul>

</div>

</div>


<!--CONTENT-->

<div id="site_content">

<table cellpadding="0" cellspacing="0" border="0" class="display"
id="example">

<thead>

<tr>
```

```
<th>Name</th>
<th>Surname</th>
<th>multiple-choice(s.a)</th>
<th>multiple-choice(m.a)</th>
<th>fill in blanks</th>
<th>true/false</th>
<th>classic</th>
<th>olympiad</th>
<th>match words</th>
<th>total</th>
</tr>
</thead>
<tbody>
<?php
include_once("../connection.php");
if(isset($_SESSION["id"]) && $_SESSION["id"] != "" )
{
$select_branch_id = mysql_query("select branch_id from katev_production_teacher_info where teacher_numeric_id = ".$_SESSION["id"]) or die(mysql_error());
list($branch_id) = mysql_fetch_row($select_branch_id);
if( $branch_id != "" ){
$array = mysql_query("select * from sb_v_type_count where branch_id = ".$branch_id) or die(mysql_error());
}
}

$count = 0;
```

```
while($result = mysql_fetch_array($array))

{

$count++;

if($count%2==0){

echo "<tr class='even gradeC'>";

}else{

echo "<tr class='odd gradeX'>";

}

echo "<td class = 'center'><a style='color:black' href='../datatables/results-other.php?id=".$result['teacher_id']."' >".$result['name']."</a></td>

<td class = 'center'><a style='color:black' href='../datatables/results-other.php?id=".$result['teacher_id']."' >".$result['surname']."</a></td>

<td class = 'center'>".$result['single']."</td>

<td class = 'center'>".$result['multiple']."</td>

<td class = 'center'>".$result['fill_in_blanks']."</td>

<td class = 'center'>".$result['true_false']."</td>

<td class = 'center'>".$result['classic']."</td>

<td class = 'center'>".$result['olympiad']."</td>

<td class = 'center'>".$result['match_words']."</td>

<td class = 'center'>".$result['total']."</td>

</tr>";

}

?>

</tbody>

<tfoot>

<th>Name</th>

<th>Surname</th>

<th>multiple-choice(s.a)</th>
```

<th>multiple-choice(m.a)</th>

<th>fill in blanks</th>

<th>true/false</th>

<th>classic</th>

<th>olympiad</th>

<th>match words</th>

<th>total</th>

</tfoot>

</table>

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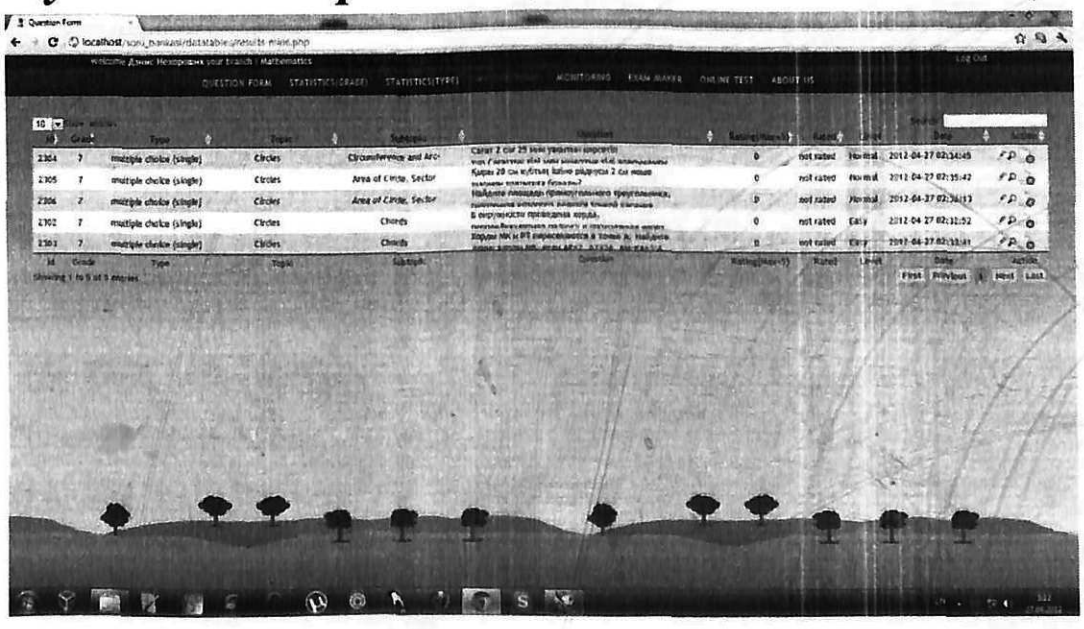
</body>

</html>

My questions(Source code)



<?php include_once("../../login/include/classes/session.php");?>

<?php include_once("../user_check.php");?>

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">


<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8">

<title>Question Form</title>

<link rel="icon" href="../favicon.ico" type="image/x-icon">

<link rel="shortcut icon" href="../favicon.ico" type="image/x-icon">

<?php include_once("../includeFiles/datatables_head.php");?>

<!--

<script type="text/javascript" src="../mathjax-MathJax/MathJax.js?config=TeX-AMS_HTML-full">

var result = document.getElementById("example");

MathJax.Hub.Queue(["Typeset", MathJax.Hub, result]);

</script>

-->

<script type="text/javascript" charset="utf-8">

$(document).ready(function() {

$('#example').dataTable({

//                    "aaSorting": [[ 1, 'asc' ]],

"sPaginationType": "full_numbers",

"aaSorting":[[ 8, "desc" ]],

"bLengthChange": true,

"bPaginate": true,

"bAutoWidth": true

});

});
```

```
function deleteRow(id)
{
if(confirm('Delete this row ?')){
$.post("../ajax/remove_row.php", {"id":id},
function(data){
if(data == "true"){
$("#"+id).hide();}else {alert("Problems on server,Cant delete row!");
}
}, "json");
}
}

</script>
<style type="text/css">
#site_content {
width: 95%;
margin: 15px auto;
}
</style>
<meta name="description" content="website description" />
<meta name="keywords" content="website keywords, website keywords" />
<script type="text/javascript">

var _gaq = _gaq || [];
_gaq.push(['_setAccount', 'UA-28343193-1']);
_gaq.push(['_setDomainName', 'katev.kz']);
```

```
_gaq.push(['_trackPageview']);


(function() {

var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async
= true;

ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') +
'.google-analytics.com/ga.js';

var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(ga, s);

})();


</script>

</head>

<body>


<div id="main">

<div id="links"></div>

<div id="header">

<div id="logo">

<div id="logo_text">

<?php include("../includeFiles/username_logout.php"); ?>

</div>

</div>

<div id="menubar">

<ul id="menu">

<?php include("../includeFiles/menu.php"); ?>

</ul>

</div>
```

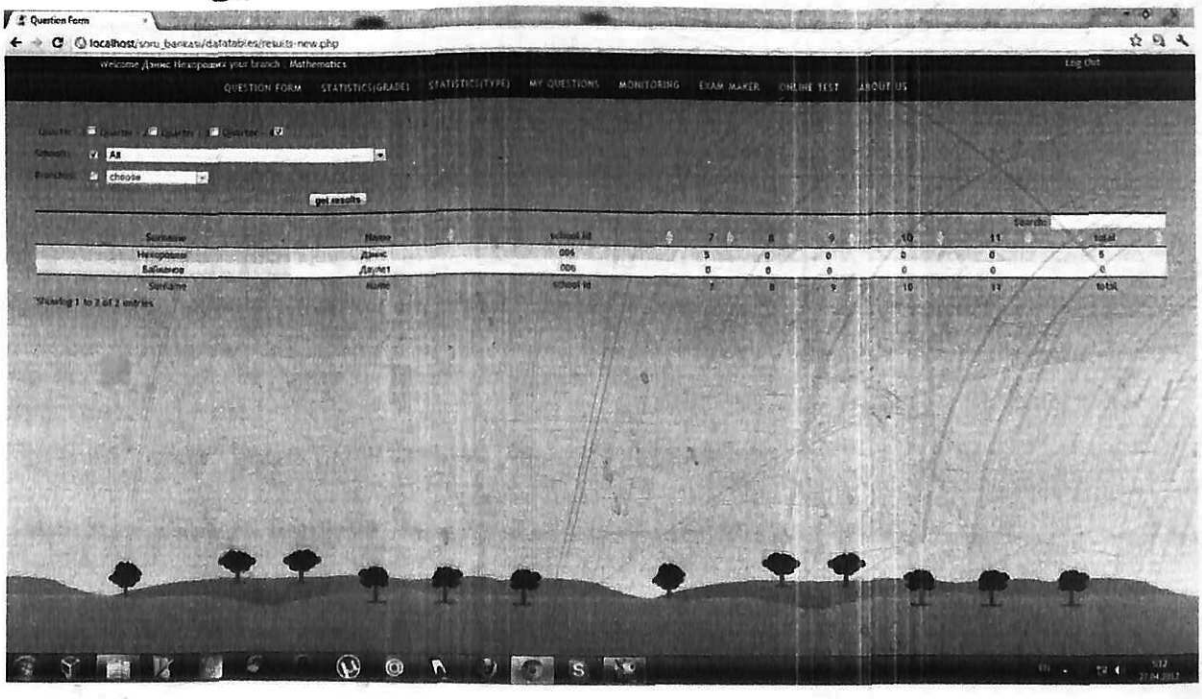
```
</div>


<!--CONTENT-->

<div id="site_content">

<table cellpadding="0" cellspacing="0" border="0" class="display" id="example">

<thead>

<tr>

<th>id</th>

<th>Grade</th>

<th>Type</th>

<th>Topic</th>

<th>Subtopic</th>

<th>Question</th>

<th>Solution</th>

<th>Level</th>

<th>Date</th>

<th colspan="3">Action</th>

</tr>

</thead>


<tbody>

<?php

include_once("../connection.php");

//              echo $_SESSION['id'];

//                                  $query = "select * from sb_v_questions where specialty = (select branch_id from katev_production_teacher_info where teacher_numeric_id = ".$_SESSION['id'].")";
```

```
$query = "select *, DATE_FORMAT(date_filled, '%M %e, %Y, %l:%i%p') as pretty_date from sb_v_questions where teacher_id =".$_SESSION['id'];

//                    $query = "select * from sb_v_questions where teacher_id = (select teacher_numeric_id from katev_production_teacher_info where teacher_numeric_id = ".$_SESSION['id'].")";


$array = mysql_query($query) or die(mysql_error());


while($result = mysql_fetch_array($array))

{

$prev = "preview.php?id=".$result["id"]."&type=".$result["type_short"];

$remove_id = $result["id"];

$edit = "../editform/edit.php?id=".$result["id"];

?>

<tr id="<?php echo $remove_id;?>">

<td class = 'center'><?php echo $result['id'];?></td>

<td class = 'center'><?php echo $result['grade'];?></td>

<td class = 'center'><?php  echo $result['type'];?></td>

<td class = 'center'><div class='possible-overflow-min' ><?php echo $result['topic'];?></div></td>

<td class = 'center'><div class='possible-overflow-min' ><?php echo $result['subtopic'];?></div></td>

<td><div class='possible-overflow'><?php echo $result['question'];?></div></td>

<td><div class='possible-overflow-min' ><?php echo $result['solution'];?></div></td>


<td><?php echo $result['complexity'];?></td>

<td><?php echo $result['date_filled'];?></td>
```

```
<?php if($result["teacher_id"] == $_SESSION["id"]){ ?>

<td>

<ul id="action-list">

<li> <a href='<?php echo $edit; ?>' title="edit"><div class="row-edit"></div></a></li>

<li> <a href='<?php echo $prev; ?>' title="preview"><div class="row-preview"></div></a></li>

<li> <a href='javascript:void(0);' title="remove" onclick = "deleteRow(<?php echo $remove_id ?>);"><div class="row-remove"></div></a></li>

</ul>

</td>


<?php }else{ ?>

<td colspan="3"><a href='<?php echo $prev?>'><div id="row-preview"><div></a></td>

<?php }?>

</tr>

<?php }?>

</tbody>

<tfoot>

<tr>

<th>id</th>

<th>Grade</th>

<th>Type</th>

<th>Topic</th>

<th>Subtopic</th>

<th>Question</th>
```

```
<th>Solution</th>

<th>Level</th>

<th>Date</th>

<th colspan="3">Action</th>

<tr>

</tfoot>

</table>

</div>


<div id="footer"><a href = "http://katev.kz/"> Â«ÐšÐ□Ð¢Ð•VÂ» -
 2011</a></div>

<?php


?>

</div>

</body>

</html>
```

Monitoring(Source code)



```
<?php include_once("../../login/include/classes/session.php");?>

<?php include_once("../user_check.php");


if(isset($_SESSION["id"]))

{

$select = "select gorev_short from katev_production_teacher_info where teacher_numeric_id = ".$_SESSION["id"]." LIMIT 1";

$query = mysql_query($select);

list($gorev_short) = mysql_fetch_row($query);


if( $gorev_short != 'zumre' && $gorev_short != 'acc_director_kz' && $gorev_short != 'acc_director' && $_SESSION["id"] != "11111" && $_SESSION["id"] != "33333" && $_SESSION["id"] != "22222" )

{

header("Location:http://tests.katev.kz/soru_bankasi/fillform/questform.php");

}

}

?>


<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN" "http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">


<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8">

<link rel="icon" href="../favicon.ico" type="image/x-icon">

<link rel="shortcut icon" href="../favicon.ico" type="image/x-icon">

<title>Question Form</title>
```

```
<?php include_once("../includeFiles/datatables_head.php");?>

<script type="text/javascript" language="javascript" src="../media/js/results-config-new.js" />

<script type="text/javascript" charset="utf-8">

$(document).ready(function() {

$('#example').dataTable({


"aaSorting":[[10, 'desc']],

"bLengthChange": true,

"bPaginate": false,

"bAutoWidth": false


});

} );

</script>

<style type="text/css">

#site_content {

width: 95%;

margin: 15px auto;

}

#example_wrapper{

margin:auto;

}


</style>

<meta name="description" content="website description" />

<meta name="keywords" content="website keywords, website keywords" />
```

```
<script type="text/javascript">

var _gaq = _gaq || [];
_gaq.push(['_setAccount', 'UA-28343193-1']);
_gaq.push(['_setDomainName', 'katev.kz']);
_gaq.push(['_trackPageview']);

(function() {
var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js';
var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
})();

</script>
</head>
<body>

<div id="main">
<div id="links"></div>
<div id="header">
<div id="logo">
<div id="logo_text">
<?php include("../includeFiles/username_logout.php"); ?>
</div>
</div>
```

```
<div id="menubar">
<ul id="menu">
<?php include("../includeFiles/menu.php"); ?>
</ul>
</div>
</div>

<!--CONTENT-->
<div id="site_content">
<?php include_once("../connection.php"); ?>
<div id = "data-config">
<div id = "quarter-panel" >
<ul id="quarter-list">
<?php //set current quarter

//$quarter = array("1", "2", "3", "4");
$select = "SELECT id,numeric_name FROM sb_quarter WHERE DAYOFYEAR(localtimestamp) >= DAYOFYEAR(start_date) and DAYOFYEAR(localtimestamp) <= DAYOFYEAR(end_date)";
$query = mysql_query($select) or die("cant identify quarter");
list( $id, $numeric_name ) = mysql_fetch_row( $query );

$select = "SELECT id,numeric_name FROM sb_quarter";
$query = mysql_query($select) or die("cant get list of quarter");

while($quarter = mysql_fetch_array( $query ))
{
$qn = $quarter['numeric_name'];
```

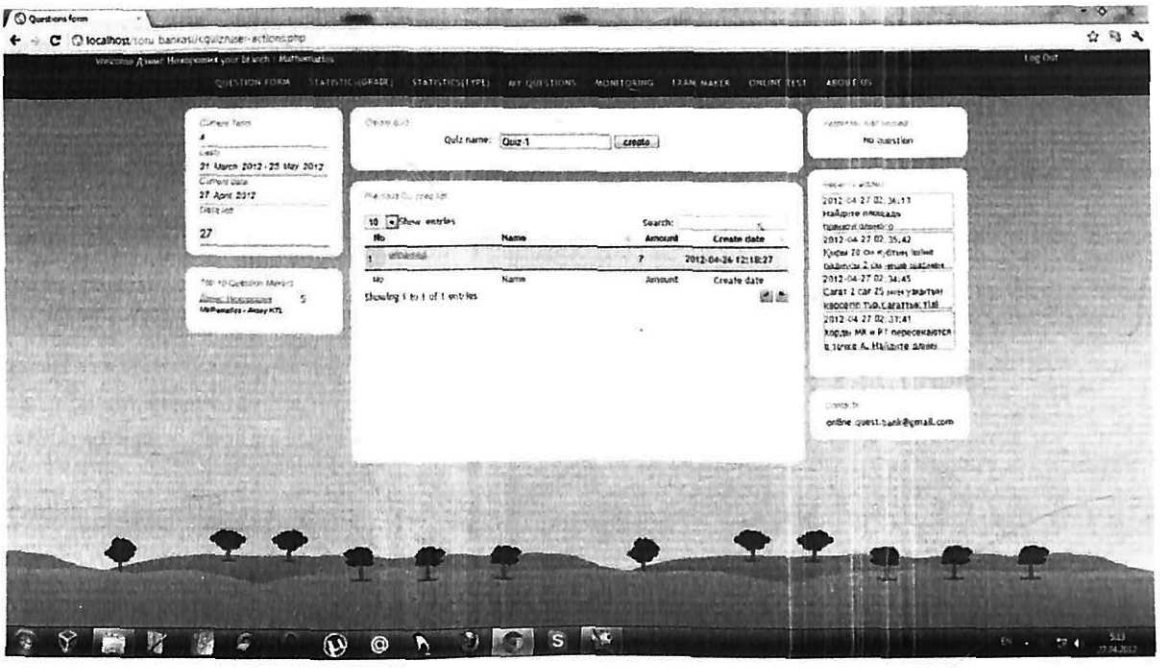
```
$qi = $quarter['id'];

if( $quarter["numeric_name"] == $numeric_name ){

echo "<li><b>Quarter - $qn</b><input type='checkbox' id='quarters_$qn' value='$qi' checked='checked'></li>";

}else{

echo "<li>Quarter - $qn<input type='checkbox' id='quarters_$qn' value='$qi'></li>";

}

}


?>

</ul>

</div>


<div id = "school-panel">

<label>Schools:</label>

<input type='checkbox' id="school-enable">

<select id = "school" disabled="disabled">

<option value='0'>choose</option>

<option value='-1'>All</option>

<?php

$select = "select  school_id, en_description  from ktl_schools";

$query = mysql_query($select) or die(mysql_error());

while($result = mysql_fetch_array( $query ))

{

echo "<option value='".$result["school_id"]."'>".$result["en_description"]."</option>";

}
```

```
?>

</select>

</div>

<div id = "branch-panel">

<label>Branches:</label>

<input type='checkbox' id="branch-enable">

<select id = "select-branch" disabled="disabled">


<option value='0'>choose</option>

<?php

$select = "select * from sb_teacher_branch";

$query = mysql_query($select);

while($result = mysql_fetch_array( $query ))

{

echo "<option value='".$result["id"]."'>".$result["name"]."</option>";

}

?>

</select>

</div>

<div id="button-panel"><input type="button" id="monitoring-results"
value="&amp;nbsp;&amp;nbsp;get results&amp;nbsp;&amp;nbsp;" /></div>

</div>

<div id="separate-line"></div>

<div id="load-datatable">

</div>

</div>

<div id="footer"><a href = "http://katev.kz/"> Â«ÐšÐ□Ð¢Ð•VÂ»&amp;nbsp;-
&amp;nbsp;2011</a></div>
```

</body>

</html>

Exam Maker(Source code)



<?php include_once("../../login/include/classes/session.php");?>

<?php include_once("../user_check.php");?>

<html>

<head>

<meta http-equiv="Content-Type" content ="text/html;charset=utf-8">

<link rel="stylesheet" type="text/css" href="../media/css/style/style.css" />

<link rel="stylesheet" href="../media/css/create-quiz.css" type ="text/css"/>

<link rel="stylesheet" href="../media/css/theme-min-zipped.css" type ="text/css"/>

<!--<link type="text/css" href="../media/css/demo_page.css" rel="stylesheet" />

<link type="text/css" href="../media/css/demo_table.css" rel="stylesheet" />

<link type="text/css" href="../media/css/demo_table_jui.css" rel="stylesheet" />

```
<link type="text/css" href="../media/css/demo_table_custom.css"
rel="stylesheet" />-->

<script type="text/javascript" language="javascript"
src="../media/js/jquery.js"></script>

<script type="text/javascript" language="javascript"
src="../media/js/jquery.dataTables.min.js"></script>

<style type="text/css">

</style>

<script type="text/javascript" charset="utf-8">

$(document).ready(function()

{

//      $("#titles").css("color","red");

$("#example").dataTable({

"bLengthChange": true,

"bPaginate": true,

"bAutoWidth": false

});

});

</script>

<title>Questions form</title>

</head>

<body>

<div id="main">

<div id="links"></div>

<div id="header">

<div id="logo">

<div id="logo_text">

<?php include("../includeFiles/username_logout.php"); ?>
```

```
</div>
</div>
<div id="menubar">
<ul id="menu">
<?php include("../includeFiles/menu.php"); ?>
</ul>
</div>
</div>
<!--CONTENT-->
<!--<div id="site_content" style="width:875px">-->
<div id="site_content">

<div id="left_sidebar_container">

<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<!--<h5>Recently added..</h5>-->
<?php include("../includeFiles/days_left.php"); ?>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Top 10 Question Makers:</h5>
<?php include("../includeFiles/top_question_makes.php"); ?>
```

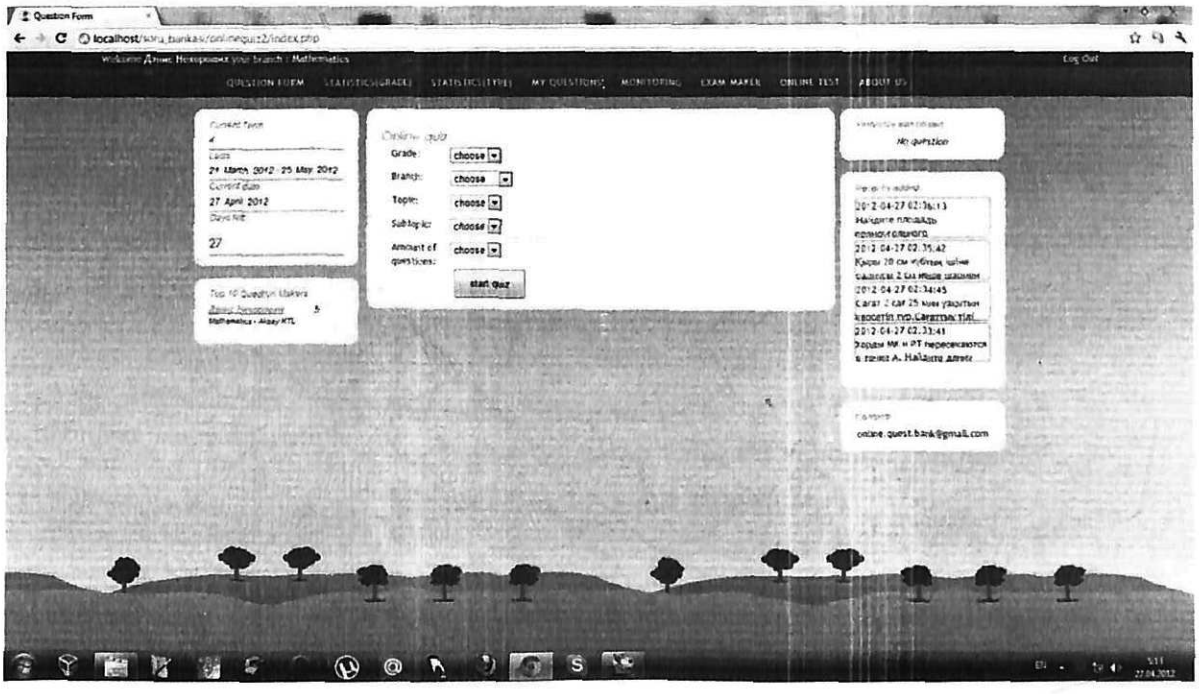
```
</div>
<div class="sidebar_base"></div>
</div>
</div>


<div id="sidebar_container">
<!-- insert your sidebar items here -->
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Yesterday was posted...</h5>
<p><?php include("../includeFiles/yesterday_posted.php"); ?></p>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Recently added..</h5>
<?php include("../includeFiles/show_activity.php"); ?>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
```

```
<h5>Contacts..</h5>
<p>qbank@nur.kz</p>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar"></div>
</div>

<div id="content_container">
<div id="content_top"></div>
<div id="content">
<h5>Create quiz:</h5>
<div id="quiz-name-field">
<!--<fieldset>
<legend><h5>Create quiz</h5></legend>
<label id="titles">Quiz name: </label>
<form method="post" action="save-quiz.php">
<input type="text" id="quiz_name" name="quiz_name" value="unnamed" />
<input type="submit" value="create" />
</form>
</fieldset>-->

<p>Quiz name:   </p>
<form method="post" action="save-quiz.php">
<input type="text" id="quiz_name" name="quiz_name" value="unnamed" />
<input                                                    type="submit"
value="   create   " />
```

```
</form>

</div>

</div>

<div id="content_base"></div>

</div>


<div id="content_container">

<div id="content_top"></div>

<div id="content">

<h5>Previous Quizzes list:</h5>

<div id="previous-quizzes">

<?php

include_once("../connection.php");

$uid = $_SESSION["id"];

$select = "select * from sb_quiz_list where user_id = $uid order by(create_date) desc";

$query = mysql_query($select) or die("cant get quizlists");

echo "<table cellpadding='0' cellspacing='0' border='0' class='display' id='example'>";

echo "<thead><tr><th>No</th><th>name</th><th>amount</th><th>create date</th></tr></thead>";

echo "<tbody>";

$index =1;

while($result = mysql_fetch_array($query))

{

$id = $result["id"];

$query2 = mysql_query("select count(*) from sb_quiz_questions where id_quiz_list = $id limit 1");
```

```
list( $count ) = mysql_fetch_row($query2);

echo "<tr><td>$index</td><td><div class='possible-overflow'><a href
='quizzes.php?qid=".$result['id']."'>".$result["name"]."</a></div></td><td>$
count</td><td>".$result['create_date']."</td></tr>";

$index++;

}

echo "</tbody>";

echo "<tfoot><tr><th>No</th><th>name</th><th>amount</th><th>create
date</th></tr></tfoot>";

echo "</table>";

?>

</div>

</div>

<div id="content_base"></div>

</div>

</div>

<div id="footer"><a href = "http://katev.kz/"> Â«ÐšÐ□Ð¢Ð•VÂ» -
 2011</a></div>

</body>

</html>
```

Online Test (Source code)



```
<?php include_once("../../login/include/classes/session.php");
if($session->userlevel != 3 && $session->userlevel != 1){ header("location:
../../login/process.php"); }?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">

<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<title>Question Form</title>
<meta name="description" content="website description" />
<meta name="keywords" content="website keywords, website keywords" />
<link rel="icon" href="../favicon.ico" type="image/x-icon">
<link rel="shortcut icon" href="../favicon.ico" type="image/x-icon">
<link rel="stylesheet" type="text/css" href="../media/css/style/style.css" />
<link rel="stylesheet" href="../media/css/theme.css" type ="text/css"/>
<link rel="stylesheet" href="../media/css/show-question-format.css"
type="text/css" />
<script type="text/javascript">
 //*****************************************//
//var url = "../onlinequiz/ajax_loader.php";
var url = "../onlinequiz2/ajax_loader.php";
var imageHtml = "<img src='../media/js/load-animation/throbber.gif'>";

function loadTopics()
```

```
{
        var branchId = $("#branch-id").val()
        $("#topic-value").html(imageHtml);
        var classId = $("#class-id").val();

        $.post( url, {"classId": classId, "specialityId": parseInt(branchId)
,"dataType":"topics"},
                function(data){
                        if( data.status == "array" )
                        {
                                var value = data.value;
                                var html = "<option value='0'>choose</option>";
                                for(var i = 0; i < value.length; i++)
                                {
                                        html = html+"<option
value="+value[i][0]+">"+value[i][1]+"</option>";
                                }
                                var htmlParent = "<select class='select-box'
id='topic-name' name='topic-name' onchange = 'loadSubtopics();'>"+
                                                "<option value='0'
>choose</option>"+
                                                "</select>";

                                $("#topic-value").html(htmlParent);
                                $("#topic-name").html(html);
                        }else if( data.status == "message" ){
                                $("#topic-value").html(data.value);
                                //alert(data.value);
                        }
                },
        "json");
}

function loadSubtopics()
{
        var branchId = $("#branch-id").val()
        var topicId  = $("#topic-name").val();
        $("#subtopic-language").html(imageHtml);

        $.post( url, { "topicId": topicId, "dataType":"subtopics", "specialityId":
parseInt(branchId) } ,
                function(data)
                {
```

```
                    var value = data.value;
                    if( data.status == "english_language" )
                    {
                        $("#subtopic").html("<div
class='title'>Level:</div><div id='subtopic-language' class='value'><div
id='level_subtopic_error' class='error_message'></div>");
                        var html = "<option value='0'>choose</option>";
                        for(var i = 0; i < value.length; i++)
                        {
                            html = html+"<option
value="+value[i][0]+">"+value[i][1]+"</option>";
                        }
                        var htmlParent = "<select class='select-box'
id='language-level' name='language-level'><option value='0'
>choose</option></select>";
                        $("#subtopic-language").html(htmlParent);

                        $("#language-level").html(html);

                    } else {
                        $("#subtopic").html("<div class='title'
>Subtopic:</div><div class='value' id='subtopic-language'><select
class='select-box' id='subtopic-name' name='subtopic-name'><option value='0'
>choose</option></select></div><div class='error_message'
id='level_subtopic_error'></div>");

                        var html = "<option value='0'>choose</option>";
                        for(var i = 0; i < value.length; i++)
                        {
                            html = html+"<option
value="+value[i][0]+">"+value[i][1]+"</option>";
                        }
                        var htmlParent = "<select class='select-box'
id='subtopic-name' name='subtopic-name'><option value='0'
>choose</option></select>";
                        $("#subtopic-language").html(htmlParent);

                        $("#subtopic-name").html(html);
                    }
                },
        "json");
}
//*****************************************//
</script>
```

```
</head>
<?php flush(); ?>
<body>
<div id="main">
<div id="links"></div>
<div id="header">
<div id="logo">
<div id="logo_text">
                        <?php   include("../includeFiles/username_logout.php");
?>
</div>
</div>
<div id="menubar">
<ul id="menu">
                        <?php include("../includeFiles/menu.php"); ?>
</ul>
</div>
</div>

<!--CONTENT-->
<!--<div id="site_content" style="width:875px">-->
<div id="site_content">
<div id="left_sidebar_container">
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<!--<h5>Recently added..</h5>-->
<?php include("../includeFiles/days_left.php"); ?>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Top 10 Question Makers:</h5>
<?php include("../includeFiles/top_question_makes.php"); ?>
</div>
<div class="sidebar_base"></div>
</div>
</div>
<div id="sidebar_container">
<!-- insert your sidebar items here -->
<div class="sidebar">
<div class="sidebar_top"></div>
```

```
<div class="sidebar_item">
<h5>Yesterday was posted...</h5>
<p><?php include("../includeFiles/yesterday_posted.php"); ?></p>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Recently added..</h5>
<?php include("../includeFiles/show_activity.php");?>
</div>
<div class="sidebar_base"></div>
</div>
<div class="sidebar">
<div class="sidebar_top"></div>
<div class="sidebar_item">
<h5>Contacts..</h5>
<p>online.quest.bank@gmail.com</p>
</div>
<div class="sidebar_base"></div>
</div>
</div>

<div id="content_container">
<div id="content_top"></div>
<div id="content">
<?php include_once("index_content.php"); ?>
</div>
<div id="content_base"></div>
</div>

</div>
<div id="footer">
        <!--<a href = "http://katev.kz/"> «KATEV» - 2012</a>--
>
</div>
</div>
        <?php include_once("../includeFiles/online-quiz-head.php");?>
        <script     src="../media/js/topicsubtopic2.js"     type="text/javascript"
></script>
</body>
</html>
```

WkHtmlToPDF (Source code)

```
<?php
$s_root = $_SERVER["DOCUMENT_ROOT"];



if(isset($_GET["qid"]) && isset($_GET["fname"]))
{
$qid      = $_GET["qid"];
$filename = $_GET["fname"];


if(isset($_GET["cnum"])  &&  isset($_GET["fsize"])  &&
isset($_GET["qname"]))
{
$column_number = $_GET["cnum"];
$font_size = $_GET["fsize"];
$qname = $_GET["qname"];
//          $link  =  "http://tests.katev.kz/soru_bankasi/cquiz/print-
quizzes.php?qid=".$qid."&columnNumber=".$column_number."&qname=$q
name";
$link  =  "http://localhost/soru_bankasi/cquiz/print-
quizzes.php?qid=".$qid."&columnNumber=".$column_number;


}else if(isset($_GET["type"])){
$type = $_GET["type"];
$link  =  "http://localhost/soru_bankasi/cquiz/print-
answersheet.php?qid=".$qid."&fname=$filename-$type";
//          $link  =  "http://tests.katev.kz/soru_bankasi/cquiz/print-
answersheet.php?qid=".$qid."&fname=$filename-$type";
}else{
```

```
echo "font size or type are not set!";
exit;
}

}else{
echo "quiz id and quiz name are not set!";
exit;
}



if(file_exists("Knp/Snappy/Pdf.php"))
{
include_once("Knp/Snappy/Pdf.php");
}
else
{
echo "no such PDF.php file";
exit;
}

$snappy = new Pdf();

//$binary_64        = "$s_root/soru_bankasi/wkfromhtmltopdf/wkhtmltopdf-amd64";
//$binary_32   = "$s_root/soru_bankasi/wkfromhtmltopdf/wkhtmltopdf-i386";
//$binary_64   = "C:\Program Files (x86)\wkhtmltopdf\wkhtmltopdf.exe";
```

```
//$link = "login.html";
$binary_64    = "wkhtmltopdf ";
//$link = "file:///C:/wamp/www/soru_bankasi/wkfromhtmltopdf/login.html";

//shell_exec("                                                    wkhtmltopdf
file:///C:/wamp/www/soru_bankasi/wkfromhtmltopdf/login.html as.html");

//$binary = $binary_32;
$binary = $binary_64;

//if(file_exists($binary)){
echo $snappy->setBinary($binary);
//}else{
//        echo "no such binary";
//        exit;
//}

header('Content-Type: application/pdf');
header("Content-Disposition: attachment; filename=".$filename);

$snappy->setOption('enable-javascript', true);
$snappy->setOption('javascript-delay',9500);
$snappy->setOption('enable-smart-shrinking', true);
$snappy->setOption('no-stop-slow-scripts', true);
$snappy->setOption('minimum-font-size', $font_size);
```

```
echo $snappy->getOutput($link);

//echo      $snappy->getOutput("http://tests.katev.kz/soru_bankasi/cquiz/print-quizzes.php?qid=".$qid."&columnNumber=".$column_number);


if(file_exists($source)){

echo $snappy->getOutput($source);

}else{

echo  "No File";

exit;

}

?>
```

АҢДАТПА

Дипломдық жұмысты дайындау барысында PHP, JavaScript және т.б. бағдарламалау тілі кең қолданылды, ал математикалық теңдеуге мен MathJaxкомпонентін пайдаландым. Әр пәннің мұғалімі әр пәнге, сыныпқа, тақырыпқа байланысты жобаға сай кез келген сұрақтарын сайтқа қоса алады.

Мұғалімдер қосымшаға енгізілген сұрақтарды пайдалана отырып емтихан дайындай алады. Емтихандартүрлі 30 нұсқалар арқылы жасалып, PDF форматында сақталады. Менің жобамның осы басымдылықтары мұғалімдерге пайда алып келе отырып, білім сапасын жоғары деңгейге көтере алады.

АННОТАЦИЯ

При подготовке дипломной работы использовались языки программирования, как PHP, JavaScript и другие, для математического уравнения я применил MathJax компонент. В рамках проекта, учитель по каждому предмету может добавить на сайт все подготовленные вопросы по каждому предмету, классу и теме.

Моя дипломная работа предусматривает вопросы учителям поделиться между собой. Учителя могут подготовить экзамены использованием вопросов, включенных в приложения. Экзамены могут быть построены в 30 различных вариантов и быть сохраненными в формате PDF. Эти преимущества моего проекта могут принести пользу учителям и повысить качество образования.

ABSTRACT

In preparing the project I used the programming languages like PHP, JavaScript, and other, for the mathematic equations I appliedMathjax component. With this workany teacher can add all prepared questions on the each subject, class and topic.

Mythesis work provides the questions of the teachers to share. Teachers can prepare exams using questions included in my application. Exams can be constructed in 30 different variants and be saved in PDF format. These advantages of my project can benefit teachers and increase the quality of education.