MINI PROJECT-I REPORT

(2020-21)

ONLINE QUIZ GENERATOR

Department of Computer Engineering
& Applications

Submitted By:

Pratibha Dixit

(University Roll No- 181500498)

Megha Kansal

(University Roll No- 181500382)

Supervised By:

Mr. Anand Kumar Gupta

Asst. Professor

Department of Computer Science & Applications

And

Ms. Ruchi Gupta

Asst. Professor

Department of Computer Science & Applications

Declaration

We hereby declare that the work which is being presented in the Mini Project-I "Online Quiz Generator", in partial fulfilment of the requirements for Mini Project Lab is an authentic record of my own work carried under the supervision of **Mr. Anand Kumar Gupta** and **Ms. Ruchi Gupta**.

Pratibha Dixit (181500498)

Megha Kansal (181500382)

Certificate

This is to certify that the project entitled "Online Quiz Generator" carried out in Mini Project-I is a bonafiled work done by **Pratibha Dixit (181500498)** and **Megha Kansal (181500382)** and is submitted in partial fulfilment of the requirement of the project to be submitted under Mini Project-I for 5^{th} semester.

Signature of Supervisor:

Name of Supervisor: Mr. Anand Kumar Gupta

Date: 14/11/2020

Name of Supervisor: Ms. Ruchi Gupta

Date: 14/11/2020

Acknowledgement

It gives us the immense pleasure to present the report of the B.Tech. Mini Project undertaken during B.Tech. 3rd Year. This project in itself is an acknowledgement to the inspiration, drive and technical assistance contributed to it by mentors. This project would never have seen the light of the day without the help and guidance that we have received.

Our heartiest thanks to **Dr.(Prof). Anand Singh Jalal, Head of Dept., Department of CEA** for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal.

We owe special debt of gratitude to **Mr. Anand Kumar Gupta** and **Ms. Ruchi Gupta**, for their constant support and guidance throughout the course of our work. Their sincerity, thoroughness and perseverance have been a constant source of inspiration for us. They have showered us with all their extensively experienced ideas and insightful comments at virtually all stages of the project & has also taught us about the latest industry-oriented technologies.

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation during the development of our project.

Thanking You All,

Pratibha Dixit

Megha Kansal

Certifications

Certification done for this project by:

1. Pratibha Dixit

2. Megha Kansal

Contents

Abstract

ONLINE QUIZ forms the lifeline of the Educational Institutes to the functioning of the Examination. It is very essential for an Institute to handle the Examinations and their results. It is very useful for an Institute to test its students continuously for their mutual development. This system is helpful for conducting Multiple Choice Questions (M.C.Q's) in the Examinations which can be conducted regularly as well as for surprise tests and provides immediate results saving the precious time of faculties to check the papers and prepare mark sheets.

The IT initiatives have encouraged various Organizations to develop systems to facilitate their day to day operations. The "Online Quiz Generator" system helps in conducting examinations quickly and can thus help in saving time and the operations will be carried out efficiently.

With the effective use, any Institute can use the "Online Quiz Generator" for conducting quick examinations and getting better results in less time.

It is a good source of interactivities among students and between the teacher and students. It is done in order to improve student's comprehension levels and learning motivation. As one of their tools, online test tools are quite effective. So, we have developed a Web-based online test/quiz system which can create quizzes competitively and collaboratively for students for the purpose of reducing the load required for a teacher and promoting interaction among teachers and students.

1. Introduction

1.1 General Introduction To The Topic:

Now a days, the web base quiz systems are getting popular with tremendous speed. As the technology is spreading throughout the world the automated systems are also taking the place of manual systems. Currently big institutes are running their online quiz systems at a very successful rate. As the time is progressing the online quiz is making interest to the faculties and also to the students. In the developed cities and organizations people are understanding that how the online quiz system is far better and efficient. With the recent time this system is vastly growing in this techno world.

The “Online Quiz Generator” is a web application for to take online test in an efficient manner and no time wasting for checking the paper. The main task of “Online Quiz Generator” is to efficiently evaluate a candidate thoroughly through a fully automated system that not only saves a lot of time but also gives fast results.

For students they give papers according to their convenience and time and there is no need of using extra things like answer sheets, question papers etc.

This web application can be used anywhere and at any time as it is a web based application (user location doesn’t matter). No

restriction that examiner has to be present when the candidate takes test.

1.2 Area Of Computer Science:

Web development is the work involved in developing a Web site for the Internet (World Wide Web) or an intranet (a private network). Web development can range from developing a simple single static page of plain text to complex Web-based Internet applications (Web apps), electronic businesses, and social network services. A more comprehensive list of tasks to which Web development commonly refers, may include Web engineering, Web design, Web content development, client liaison, client-side/server-side scripting, Web server and network security configuration, and e-commerce development.

Among Web professionals, "Web development" usually refers to the main non-design aspects of building Web sites: writing markup and coding. Web development may use content management system (CMS) to make content changes easier and available with basic technical skills.

For larger organizations and businesses, Web development teams can consist of hundreds of people (Web developers) and follow standard methods like agile methodologies while developing Web sites. Smaller organizations may only require a single permanent or contracting developer, or secondary assignment to related job

positions such as graphic designer or information systems technician. Web development may be a collaborative effort between departments rather than the domain of a designated department.

There are three kinds of Web developer specialization:

1. Front-end Developer
2. Back-end Developer
3. Full-stack Developer

Front-end developers are responsible for behaviour and visuals that run in the user browser, while back-end developers deal with the services. Whereas, full-stack developers are combination of both front-end developers and back-end developers.

1.3 Hardware And Software Requirements:

1.3.1 Hardware Requirements Specification:

Processor	: Intel Pentium III or later
Main Memory(RAM)	: 256 MB
Cache Memory	: 512 KB
Monitor	: 14 inch Color Monitor
Keyboard	: 108 Keys
Mouse	: Optical Mouse
Hard Disk	: 160 GB

1.3.2 Software Requirements Specification:

Front End/Language	:	PHP, CSS, JavaScript
Back End/Database	:	MYSQL
Additional Tools	:	XAMPP Server
Operating System	:	Windows 7, 8, 9, 10, XP

2.Problem Definition

2.1 Existing System:

The first problem is that there are loads of hard copied documents being generated. This brings us to the age-old discussion of keeping information in the form databases versus keeping the same on sheets of paper. Keeping the information in the form of hard-copied documents leads to the following problems.

2.2 Drawbacks Of Existing System:

i. **Lack of space** – It becomes a problem in itself to find space to keep the sheets of paper being generated as a result of the ongoing discussion. The documents being generated are too important to be ill-treated.

ii. **Filing poses a problem** – Filing the documents categorically is a time consuming and tedious exercise.

iii. **Filtering is not easy** – It becomes hard to filter relevant documents for the irrelevant ones if the count of the same crosses a certain manageable number.

iv. **Reviewing becomes time-consuming** – All the process done manually at the centers and all the records are maintained on the papers. So the maintenance of the record is very difficult in the departments and as well as it's very difficult for the workers to check the record. The Existing system is paper based, time consuming, monotonous, less flexible and provides a very hectic working schedule. The chance of loss of records is high and also record searching is difficult. Maintenance of the system is also very difficult and takes lot of time.

v. **Result Processing**: is slow due to paper work and requirement of staff.

2.3 Proposed System:

This Web Application provides facility to conduct online examination worldwide.
It saves time as it allows number of students to give the exam at a time and displays the results as the test gets over, so no need to

wait for the result. It is automatically generated by the server. Administrator has a privilege to create, modify and delete the test papers and its particular questions. User can register, login and give the test with his specific id, and can see the results as well.

2.4 Features Of Proposed System:

- **FUNCTIONAL CAPABILITIES:** The ultimate aim of this project is to help the quiz analysis and facilitate the faculties the faculties for easy evaluation of the students and generation of the automatic score cards.

  The system shall display the set of questions with certain rules. It also displays the category for which the students wish to answer.

  Once the student has completed choosing the category starts answering the questions. The mark is given and report is generated based on the correct answers.

- **PERFORMANCE LEVEL:** The scope of this project gives immense opportunity for the students to know their levels in quiz. It provides effective software so as to help the students as well as the evaluators who are involved in evaluating the student's performance.

- **DATA STRUCTURES:** The data in this project are maintained in the tabular form using MYSQL in the form of database. It provides easy access to the user. Easy category questions are maintained in the database which provides easy for the user to access and choose the category.

- **SAFETY:** No data loss occurs in the quiz system.
    1. It is very much protected in such a way that it gives permission to the students to access only when the username and password is correct.
    2. The results are produced electronically so that nobody is prone to mistakes.

- **RELIABILITY:** We assure that the project is completely authenticated in order to enhance security and corruptions of database as well as the software. The person is given access only if he/she has a valid username and password.

- **QUALITY:** The project is developed with the help of visual basic 6.0 software which meets the requirement of the user, the project is checked whether the phases individually have a served its purpose.

3. Objective

Technological advancements in this era of digitization along with being a boon to the world have been advantageous to the educational sector too. The introduction of online exam software replaced the conventional system of assessment.

The various examination conducting agencies are now able to evaluate the test takers freely and cost-effectively through computer-based tests. This article discusses the objectives of an online quiz system.

Before proceeding further let us understand the concept of "Online Quiz Generator" system. This software allows users to take online tests and automatically generate results based on the answers marked by the users. Let's now discuss the reason for the introduction of "Online Quiz Generator" in the modes of conducting an assessment.

- ✓ **Conduct Exams Effortlessly**: Computer-based tests as a method of conducting an assessment enable users to manage an exam easily. The functionalities of an exam software such as user-friendly dashboard, multiple languages, support for multiple question types and formats, detailed reporting, automatic instant results help in smooth conduction.

- ✓ **Reduce exam anxiety amongst test takers:** The flexibility associated with computer-based test takers as they can take the exam at any time of the day that coincides with their preferred sleep/wake cycles.

- ✓ **Promote social interaction between the test takers and experts:** An online environment provides exam preparation with experts or peers as they can review the course content together. Online assessment is possible through an exam software which lays the real foundation of academic teaching as it facilitates discussion with teachers and other students.

- ✓ **Prevents cheatings:** Cheating amongst the test-takers in the examination hall is one of the major drawbacks of pen-paper based assessment. Online examination manages to avoid the possibilities of secretly using unfair means to get the right answers up to a large extent. The presence of various functionalities in exam software prevents cheating irrespective of the test taker's location.

- ✓ **Safe and secure data:** Various tools offered by exam software have enabled the assessment conducting agencies to manage the crucial data related to examination questions and test-takers safely.

- ✓ **Reduce administrative burden:** Organizing and running exams online not only reduces an organizations administrative burden but also saves cost and time. Online examination/quiz with its objective to make evaluation massive but simple, cost-effective and faster has replaced the pen-paper based assessment. The examination managing agencies have started preferring computer-based test to instill their lost faith in the method of conducting an evaluation.

4. Implementation Details

4.1 Detail Description Of Technology Used:

Following is the brief description about various technologies used while designing this system:

- **PHP (Hypertext Preprocessor):**

  Hypertext Preprocessor is a widely used, general-purpose scripting language that was originally designed for web applications.

  PHP code is usually processed on a web server by a PHP interpreter implemented as a module, a daemon or as a Common Gateway Interface (CGI) executable. On a web server, the result of the interpreted and executed PHP code – which may be any type of data, such as generated HTML or binary image data – would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. Additionally, PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control. Arbitrary PHP code can also be interpreted and executed via command-line interface (CLI).

The standard PHP interpreter, powered by the Zend Engine, is free software released under the PHP License. PHP has been widely ported and can be deployed on most web servers on almost every operating system and platform, free of charge.

The PHP language evolved without a written formal specification or standard until 2014, with the original implementation acting as the *de facto* standard which other implementations aimed to follow. Since 2014, work has gone on to create a formal PHP specification.

By September 2020, two out of every three websites using PHP are still on discontinued PHP versions, and almost half of all PHP websites use version 5.6 or older, that not even Debian supports (while Debian 9 still supports version 7.0 and 7.1, those versions are unsupported by The PHP Development Team). In addition, PHP version 7.2, the most popular supported PHP version, will stop getting security updates on November 30, 2020 and therefore unless PHP websites are upgraded to version 7.3 (or newer), 84% of PHP websites will thus use discontinued versions.

- **PHP Advantages:**

  A popular choice in today's web world is using PHP. PHP is a general-purpose scripting language that is especially suited

to server-side web development where PHP generally runs on a web server. Its clarity in design, well organized modules and better upkeep of various technologies, make it the most popular language in the online industry today. Its popularity and credibility can be judged by the fact that reputed organizations like Harvard University and popular social networking site Facebook, both are based on PHP. This is possible because PHP websites can be easily maintained, improved and updated from time to time.
There are several reasons why Php programming language is in the forefront of website development:

- **Easy and Simple to Learn:** PHP is considered one of the easiest scripting languages. Compared to other web languages, PHP doesn't require a manual or intensive studying. PHP syntax is logical and well-organized. Even command functions are easy to understand, as they tell the developer what function they perform. As a result, web developers find it very easy to create and optimize the application.
- **Extremely Flexible:** PHP is highly flexible whether it is during an ongoing project or after completing the project. Flexibility in a scripting language is very crucial, as functionality can change anytime during the course of a project. The best part about PHP is the ability to make changes even after starting the project and this saves valuable time.
  A developer does not have to write fresh codes or command functions, as changes to the existing codes and functions can be done and used.

- **Easy Integration and Compatibility:** PHP is compatible with a large majority of operating systems. It can easily run on different platforms, including UNIX, Solaris and Linux. As it can be integrated without effort with other technologies, such as Java, existing software does not require re-development. This saves time and money.
- **Efficient Performance:** Depending on how the web developer codes, PHP has the potential to turn in an efficient language. It is scalable when used for writing codes and can also be used for creating a large number of applications. It is the programming language of choice when a website has several webpages.
- **Cost-Efficient:** PHP is an open-source web language, hence is completely free. There is no expense involved in purchasing expensive licenses or software. It can work efficiently with different databases, such as MySQL, Apache, and PostgreSQL. The cost of developing a website using PHP is minimal.
- **Gives Web Developer More Control:** Compared to other programming languages, PHP allows the website developer to have more control. Other programming languages are bogged down by long, complicated scripts, but this isn't true for PHP. A few simple lines of code are sufficient. Furthermore, PHP allows tags, and hence, website developers can add

and/or mix HTML tags, making the content extremely dynamic.

Developers don't have to worry about placing codes in the right place when using PHP, as it is written between tags. Hence, functions and codes do not have to be written in any specific order, as long as they are within the tags.

PHP has a very helpful, active, and widespread PHP community. Also, this scripting language offers a lot of resources, such as commands, functions, and codes, which can easily be rewritten and used without incurring any cost. The ease of use, easy integration, cost efficiency, and easy access makes PHP one of the most popular server-side programming languages.

- **JavaScript:**

  JavaScript is an object-oriented scripting language used to enable programmatic access to objects within both the client application and other applications. It is primarily used in the form of client-side JavaScript, implemented as an integrated component of the web browser, allowing the development of enhanced user interfaces and dynamic websites. JavaScript is a dialect of the ECMA Script standard and is characterized as a dynamic, weakly typed, prototype-based language with

first-class functions. JavaScript was influenced by many languages and was designed to look like Java, but to be easier for non-programmers to work with Java Script was originally developed by Brendan Eich of Netscape under the name Mocha, which was later renamed to Live Script, and finally to JavaScript.

It is a programming language that is characterized as dynamic, weakly typed, prototype-based and multi-paradigm.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications. The vast majority of websites use it, and major web browsers have a dedicated JavaScript engine to execute it.

As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative (including object-oriented and prototype-based) programming styles. It has APIs for working with text, arrays, dates, regular expressions, and the DOM, but the language itself does not include any I/O, such as networking, storage, or graphics facilities. It relies upon the host environment in which it is embedded to provide these features.

Initially only implemented client-side in web browsers, JavaScript engines are now embedded in many other types of host software, including server-side in web servers and databases, and in non-web programs such as word

processors and PDF software, and in runtime environments that make JavaScript available for writing mobile and desktop applications, including desktop widgets.

The terms *Vanilla JavaScript* and *Vanilla JS* refer to JavaScript not extended by any frameworks or additional libraries. Scripts written in Vanilla JS are plain JavaScript code.

Although there are similarities between JavaScript and Java, including language name, syntax, and respective standard libraries, the two languages are distinct and differ greatly in design. JavaScript was influenced by programming languages such as Self and Scheme.

- **Apache:**

  The name 'Apache' was chosen from respect for the Native American Indian tribe of Apache, well-known for their superior skills in warfare strategy and their inexhaustible endurance. It also makes a cute pun on "a patchy web server", a server made from a series of patches but this was not its origin. The group of developers who released this new software soon started to call themselves the "Apache Group". The Apache HTTP Server, colloquially called Apache, is a free and open-source cross-platform web server software, released under the terms of Apache License 2.0.

Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation.

- **SQL Server:**

SQL is Structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in a relational database.

SQL is the standard language for Relational Database System. All the Relational Database Management Systems (RDMS) like MySQL, MS Access, Oracle, Sybase, Informix, Postgres and SQL Server use SQL as their standard database language.

Also, they are using different dialects, such as –

- MS SQL Server using T-SQL,
- Oracle using PL/SQL,
- MS Access version of SQL is called JET SQL (native format) etc.

MySQL is free and open-source software under the terms of the GNU General Public License, and is also available under a variety of proprietary licenses. MySQL was owned and

sponsored by the Swedish company MySQL AB, which was bought by Sun Microsystems (now Oracle Corporation).In 2010, when Oracle acquired Sun, Widenius forked the open-source MySQL project to create MariaDB.

MySQL is a component of the LAMP web application software stack (and others), which is an acronym for Linux, Apache, MySQL, Perl/PHP/Python. MySQL is used by many database-driven web applications, including Drupal, Joomla, phpBB, and WordPress. MySQL is also used by many popular websites, including Google (though not for searches), Facebook, Twitter, Flickr, and YouTube.

MySQL is written in C and C++. Its SQL parser is written in yacc, but it uses a home-brewed lexical analyzer.MySQL works on many system platforms, including AIX, BSDi, FreeBSD, HP-UX, eComStation, i5/OS, IRIX, Linux, macOS, Microsoft Windows, NetBSD, Novell NetWare, OpenBSD, OpenSolaris, OS/2 Warp, QNX, Oracle Solaris, Symbian, SunOS, SCO OpenServer, SCO UnixWare, Sanos and Tru64. A port of MySQL to OpenVMS also exists.

The MySQL server software itself and the client libraries use dual-licensing distribution. They are offered under GPL version 2, or a proprietary license.

Support can be obtained from the official manual. Free support additionally is available in different IRC channels and forums. Oracle offers paid support via its MySQL

Enterprise products. They differ in the scope of services and in price. Additionally, a number of third party organisations exist to provide support and services, including MariaDB and Percona.

MySQL has received positive reviews, and reviewers noticed it "performs extremely well in the average case" and that the "developer interfaces are there, and the documentation (not to mention feedback in the real world via Web sites and the like) is very, very good". It has also been tested to be a "fast, stable and true multi-user, multi-threaded sql database server".

- **CSS:**

  Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

  Cascading **S**tyle **S**heets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable.

  CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and

laid out, what background images or colors are used, layout designs, and variations in display for different devices and screen sizes as well as a variety of other effects.

CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.

- **Advantages Of CSS:**
  - **CSS saves time** − You can write CSS once and then reuse same sheet in multiple HTML pages. You can define a style for each HTML element and apply it to as many Web pages as you want.
  - **Pages load faster** − If you are using CSS, you do not need to write HTML tag attributes every time. Just write one CSS rule of a tag and apply it to all the occurrences of that tag. So less code means faster download times.
  - **Easy maintenance** − To make a global change, simply change the style, and all elements in all the web pages will be updated automatically.
  - **Superior styles to HTML** − CSS has a much wider array of attributes than HTML, so you can give a far better look to your HTML page in comparison to HTML attributes.

- **Multiple Device Compatibility** − Style sheets allow content to be optimized for more than one type of device. By using the same HTML document, different versions of a website can be presented for handheld devices such as PDAs and cell phones or for printing.
- **Global web standards** − Now HTML attributes are being deprecated and it is being recommended to use CSS. So its a good idea to start using CSS in all the HTML pages to make them compatible to future browsers.

- **Bootstrap:**

  Originally created by a designer and a developer at Twitter, Bootstrap has become one of the most popular front-end frameworks and open source projects in the world.

  Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

  Bootstrap is a free and open front-end framework for designing websites and web applications. It contains HTML - and CSS -based design templates for typography, forms, buttons, navigation and other interface components, as well as optional JavaScript extensions. Unlike many earlier web

frameworks, it concerns itself with front end development only.

Bootstrap is the second most-starred project on GitHub, with more than 129,000 stars. Bootstrap comes with several JavaScript components in the form of jQuery plugins. They provide additional user interface elements such as dialog boxes, tooltips, and carousels. They also extend the functionality of some existing interface elements, including for example an auto-complete function for input fields. In version 1.3, the following JavaScript plugins are supported: Modal, Dropdown, Scrollspy, Tab, Tooltip, Popover, Alert, Button, Collapse, Carousel and Typeahead.

4.2 Class Diagram:

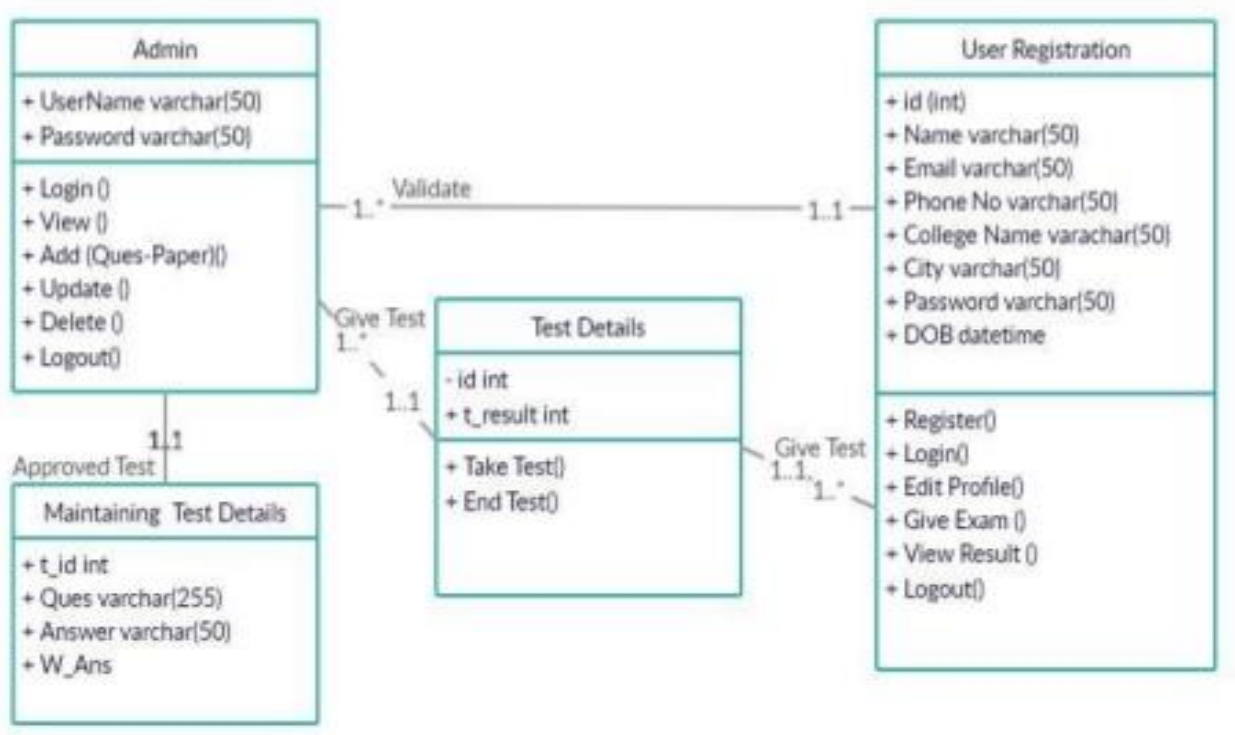
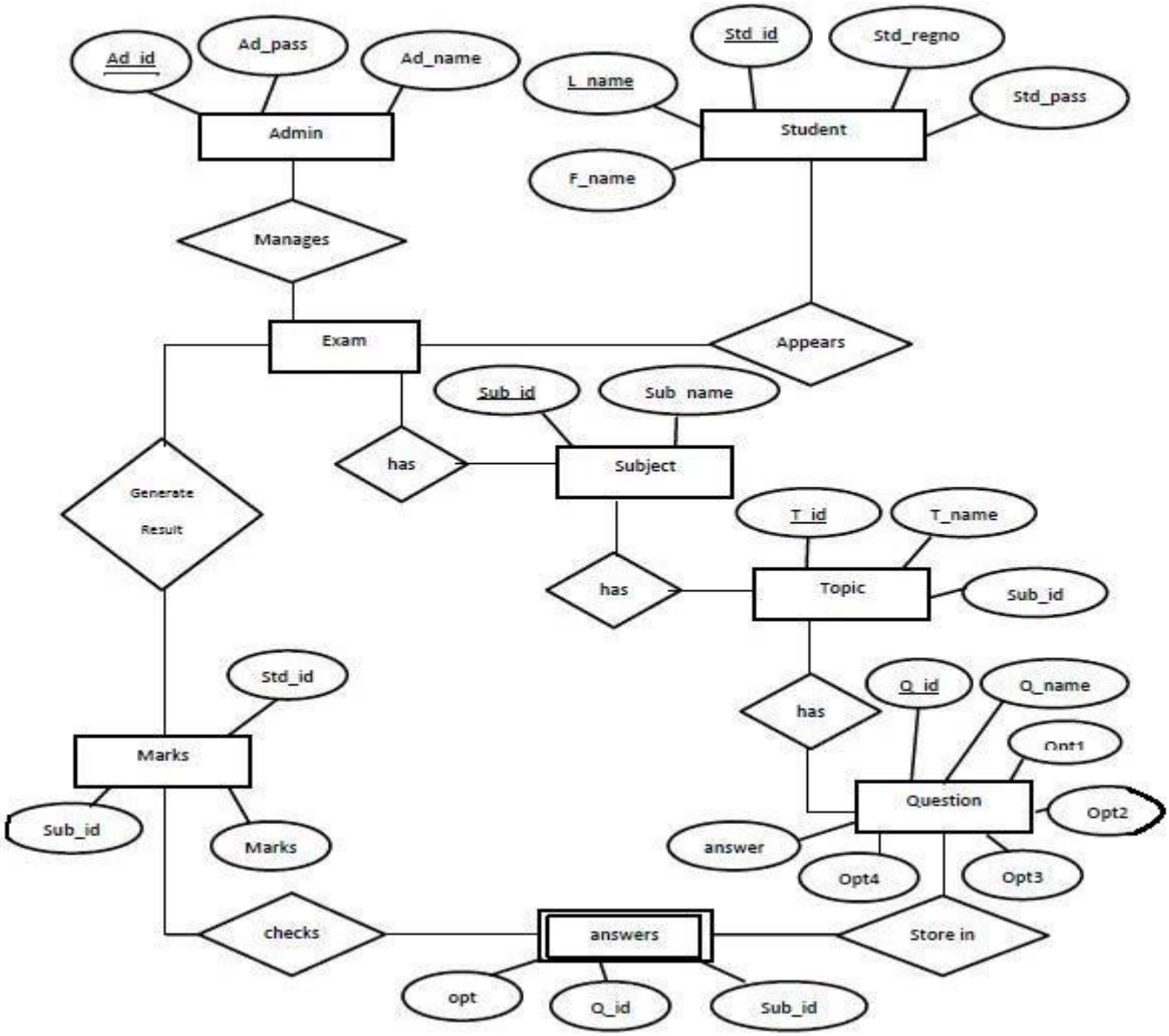


Fig1: Class Diagram

4.3 ERD (Entity Relationship Diagram):



4.4 Model Hierarchy Diagram:

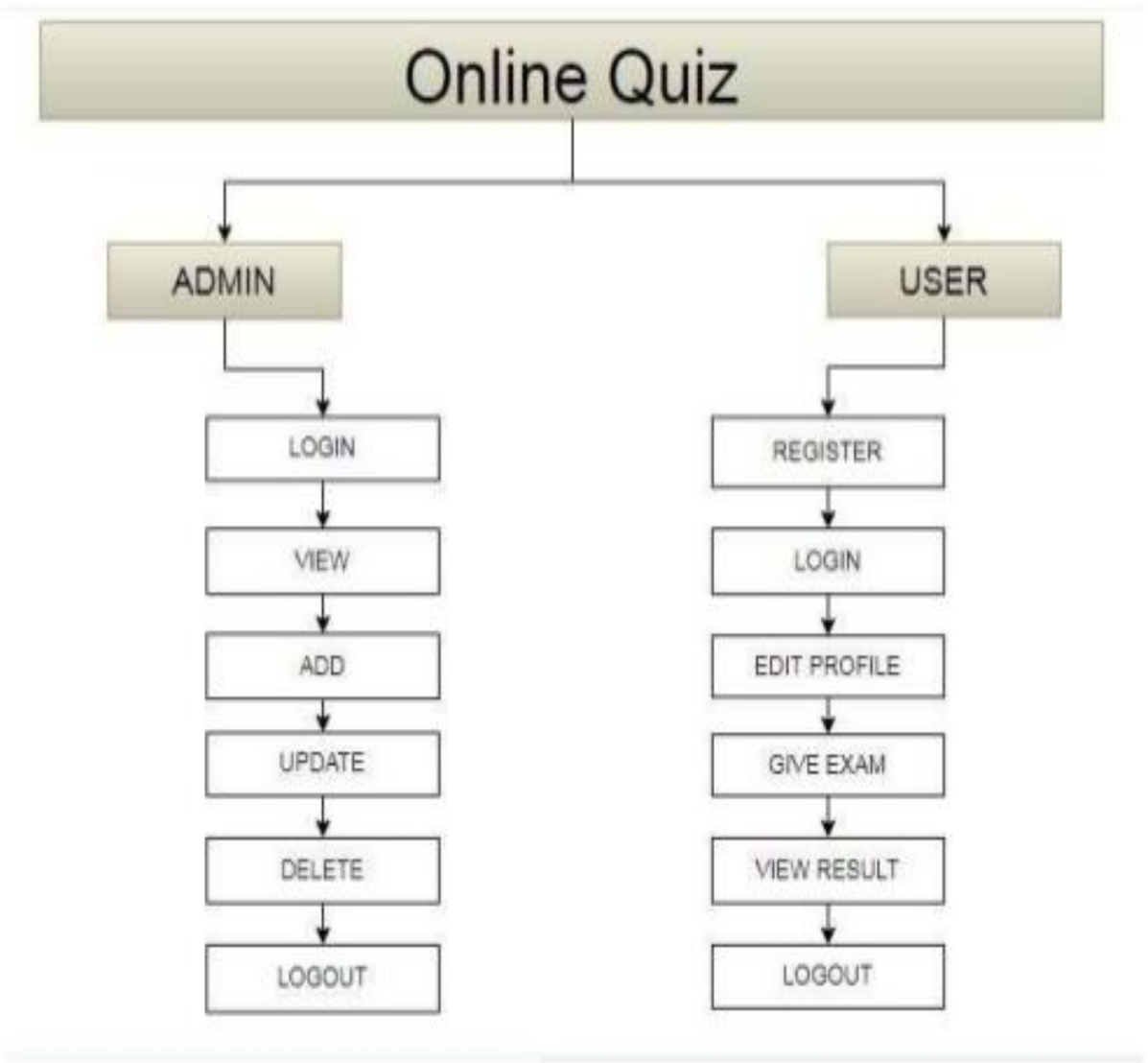


Fig3: Hierarchy Diagram

5.Code Repository Link

Our source code is available at both below repositories you can use any of the given below link to access the code of our Mini Project-I, “Online Quiz Generator”.

Link-1 to Pratibha Dixit’s repository:-

Link: https://github.com/pratibhadixit3990/Mini-Project

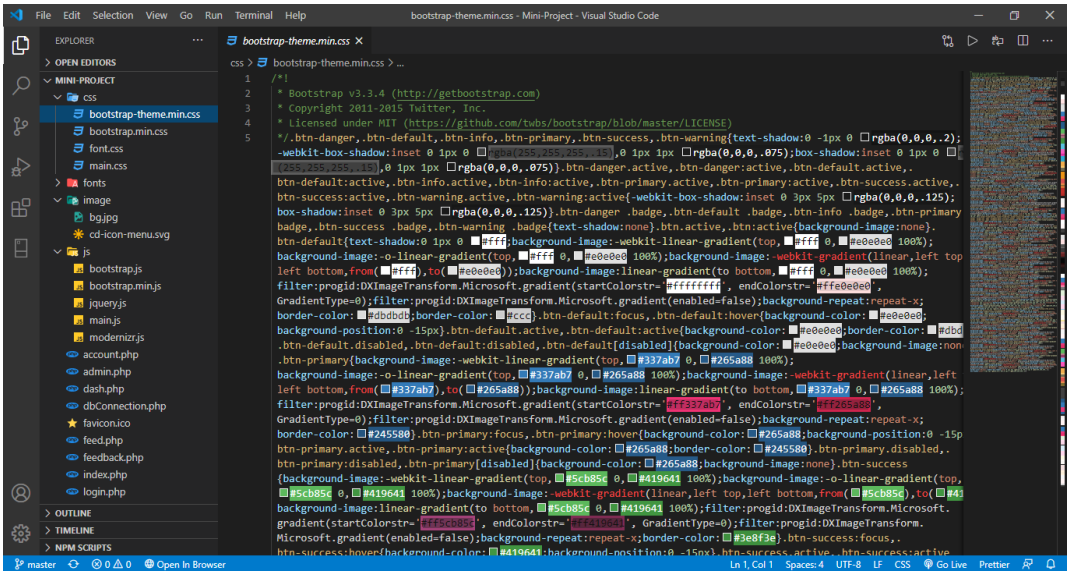
Link-2 to Megha Kansal’s repository:-

Link: https://github.com/meghakansal12/MiniProject-Online_Quiz_Generator

6.Screenshots

6.1 Code Screenshots:

- "css" folder:
  - ‘bootstrap-theme.min.css’-



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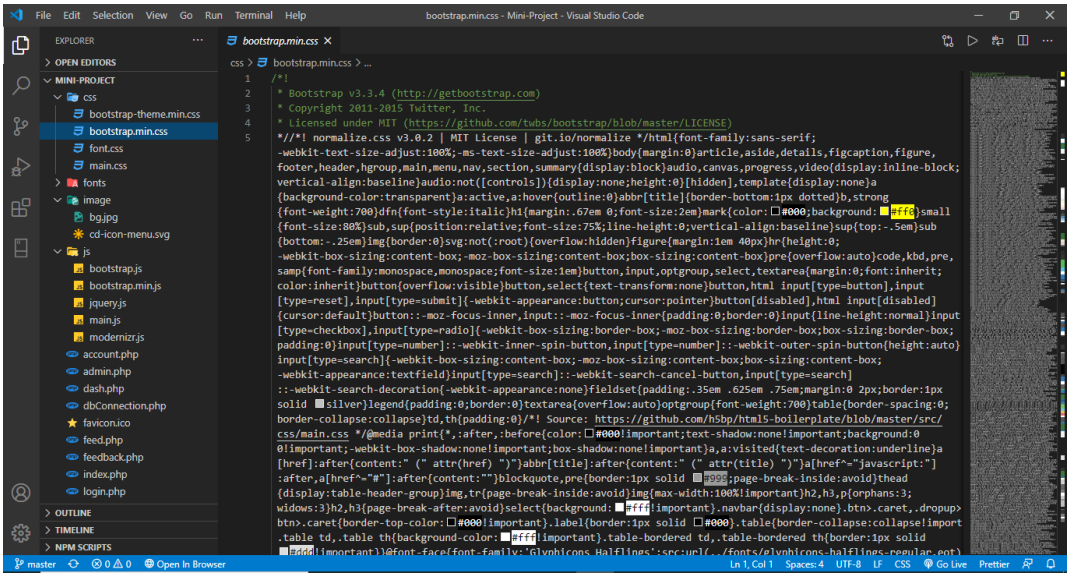

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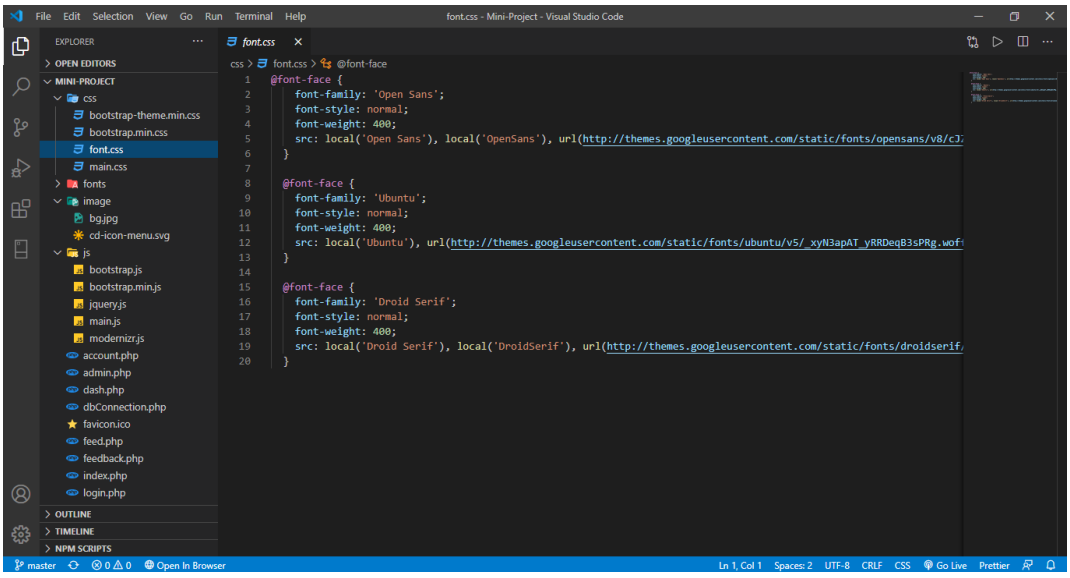

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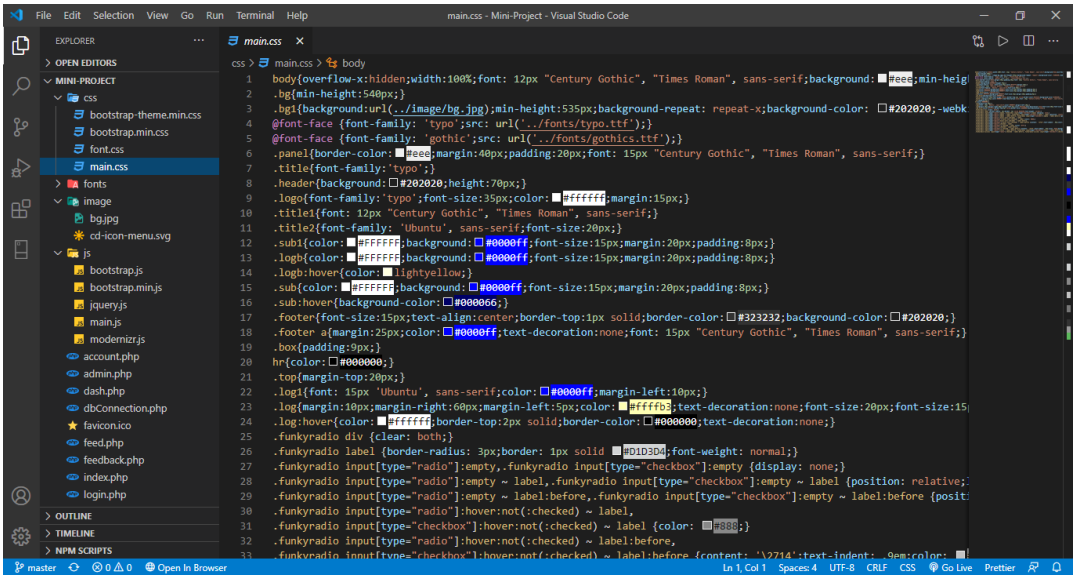
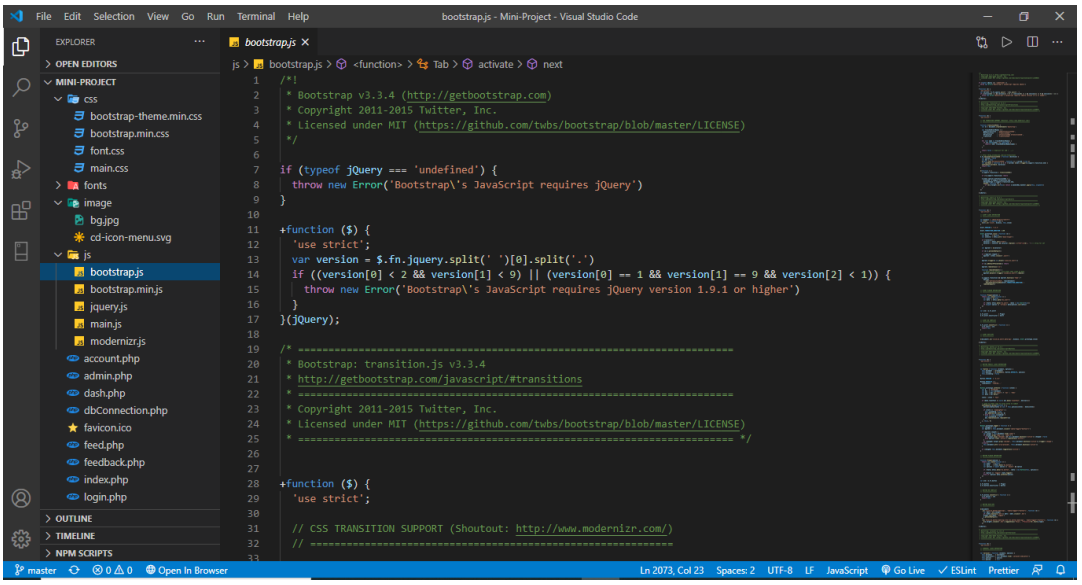
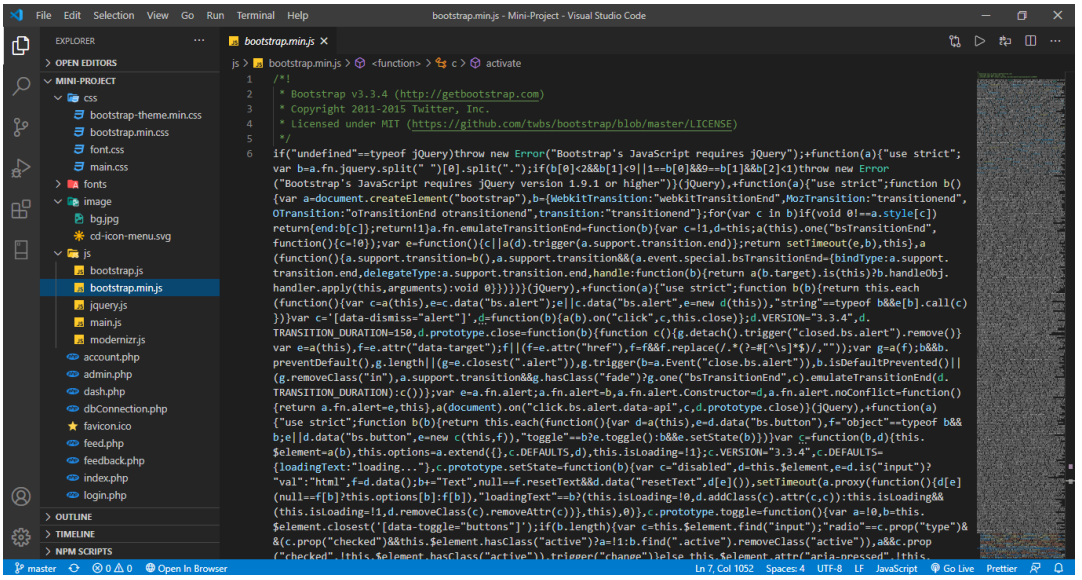


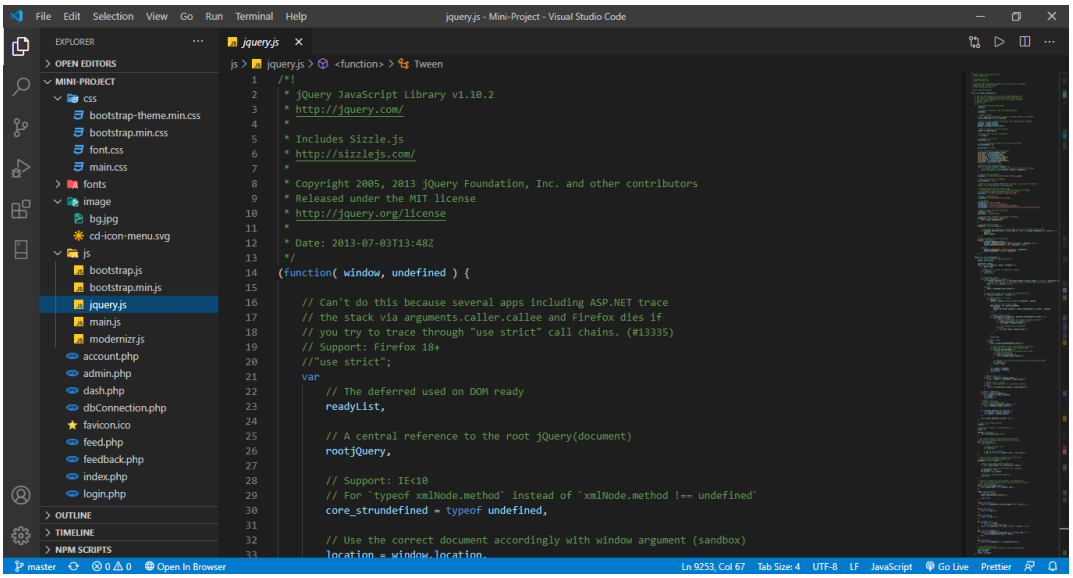
- “js” folder:
  - ‘bootstrap.js’-



  - ‘bootstrap.min.js’-



- ‘jquery.js’-



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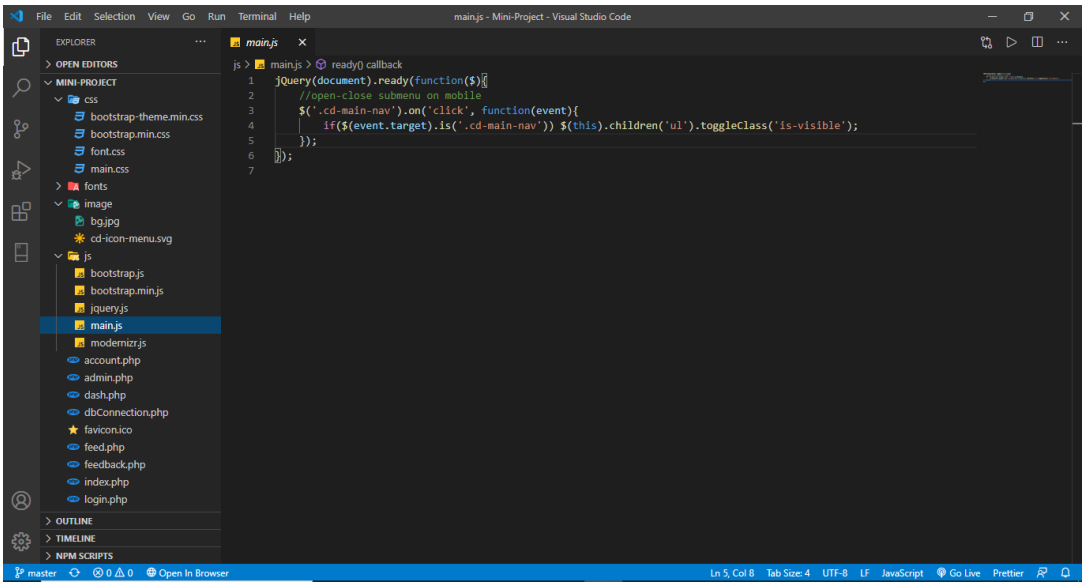

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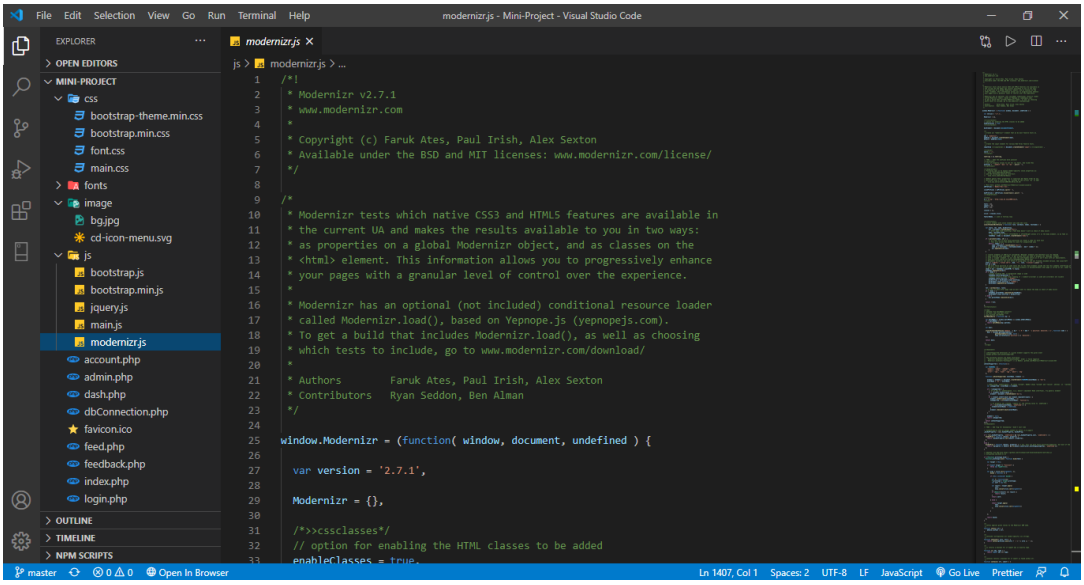

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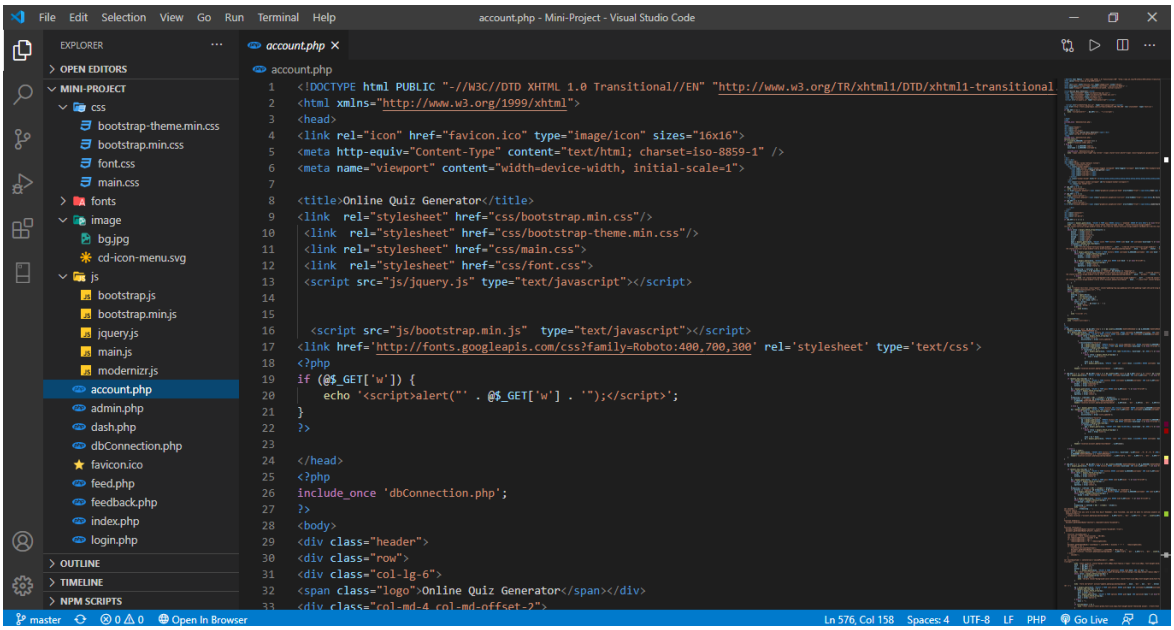

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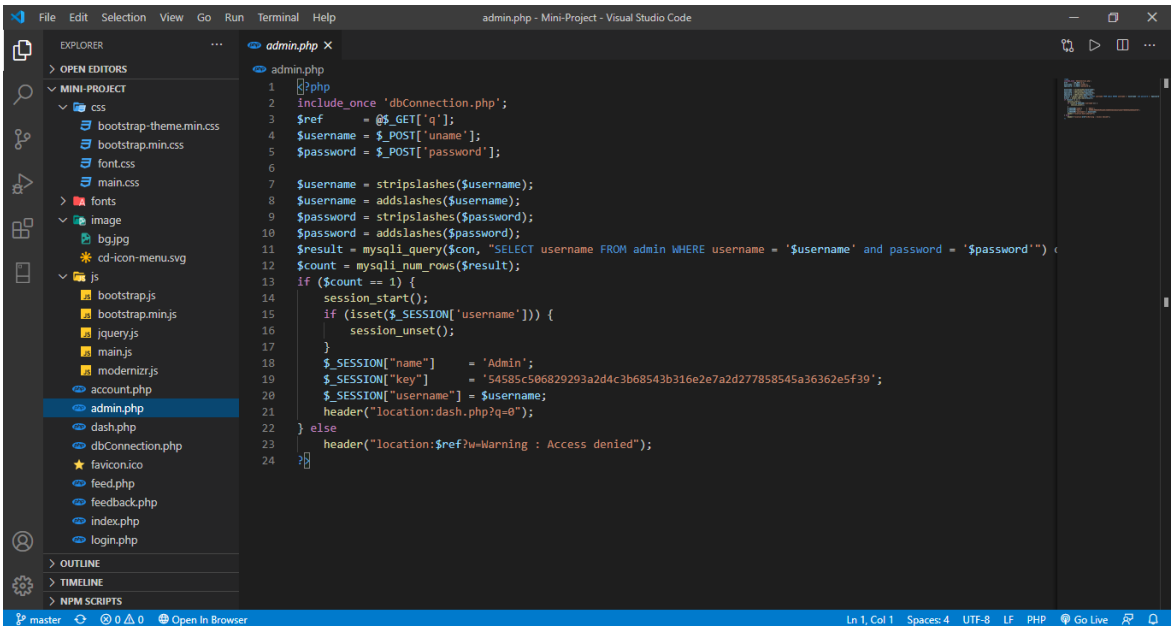

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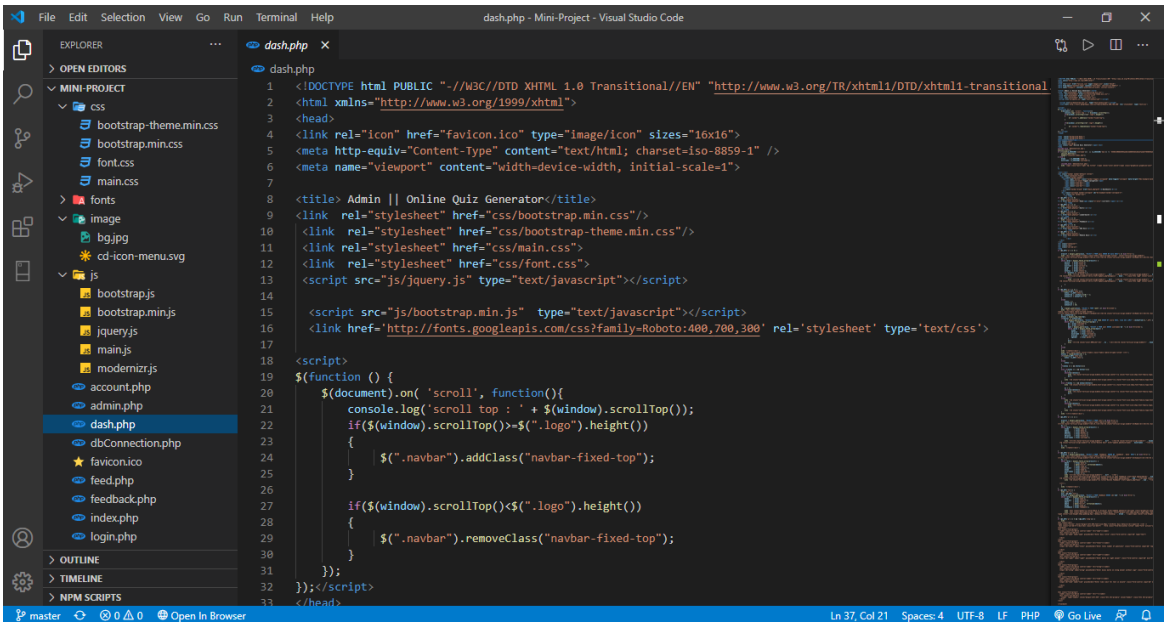

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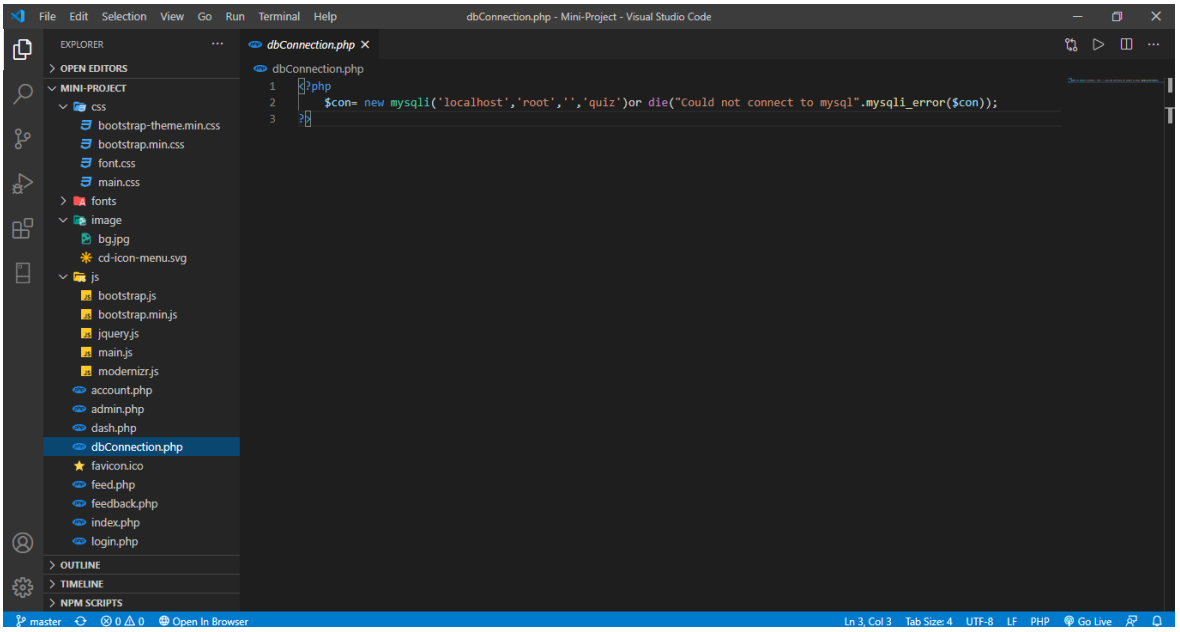
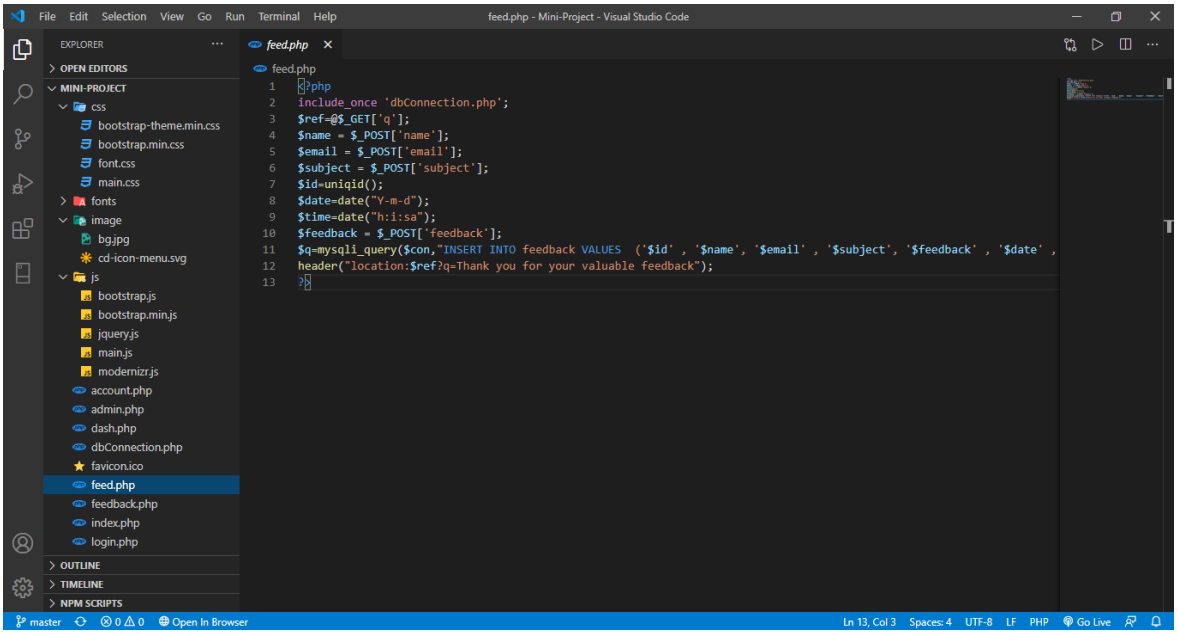
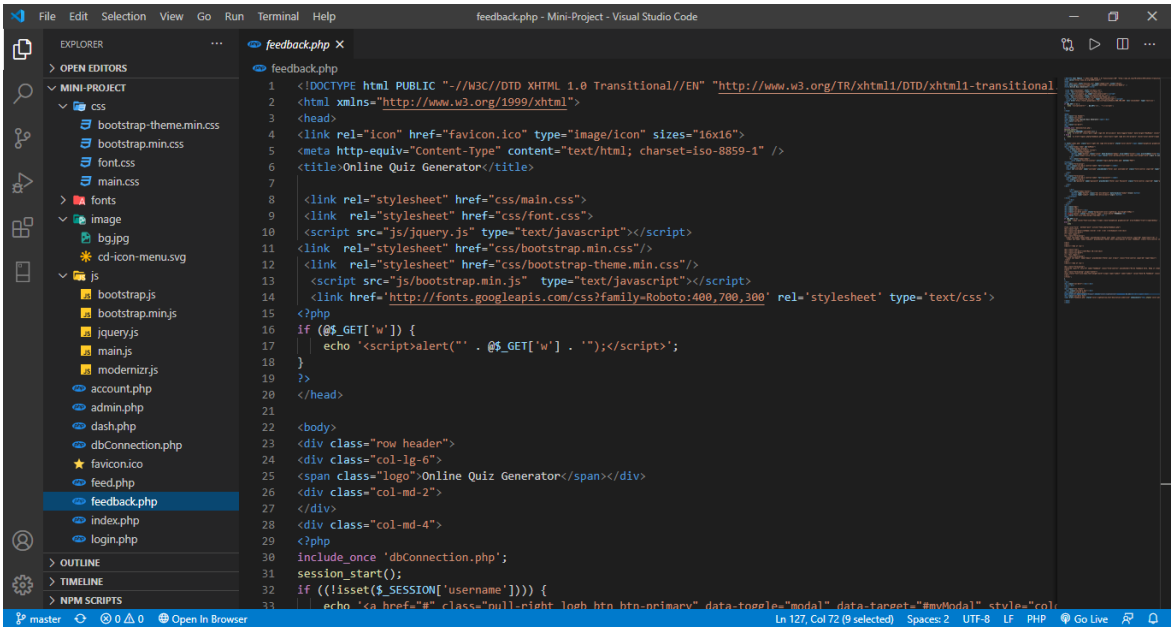


- ‘feed.php’:



- ‘feedback.php’:



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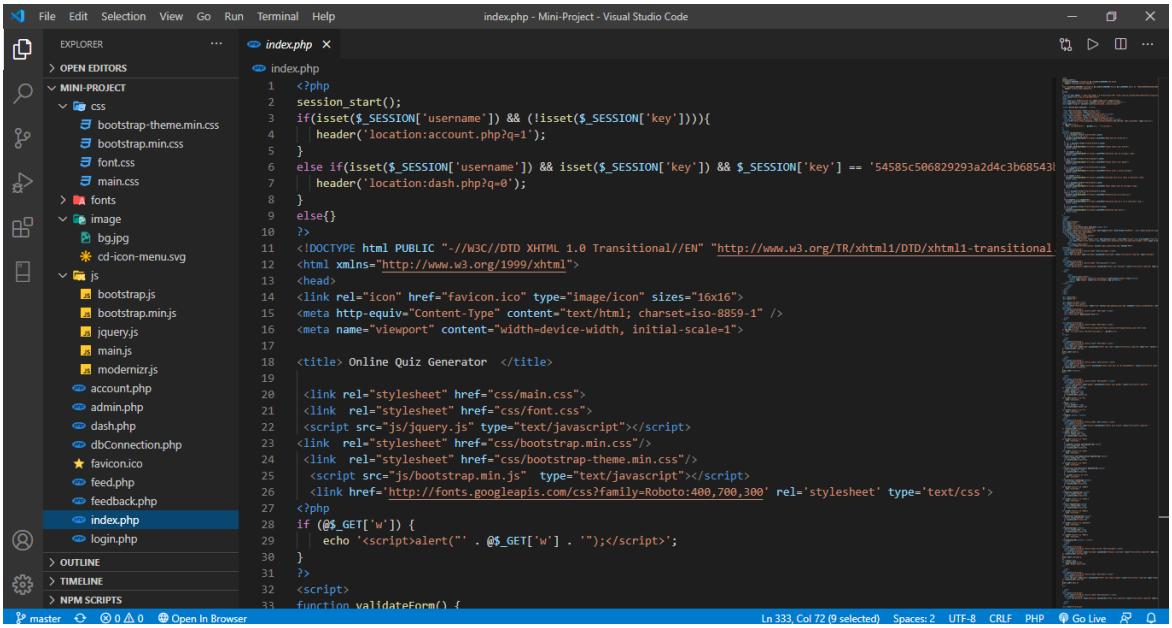
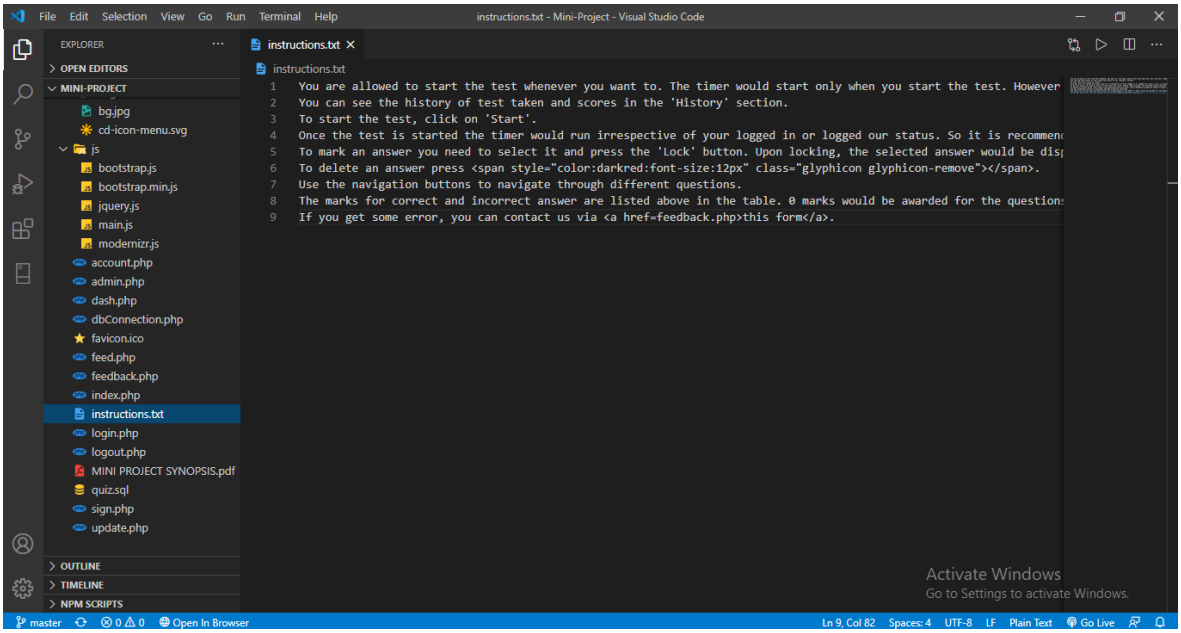


- ‘instructions.txt’:



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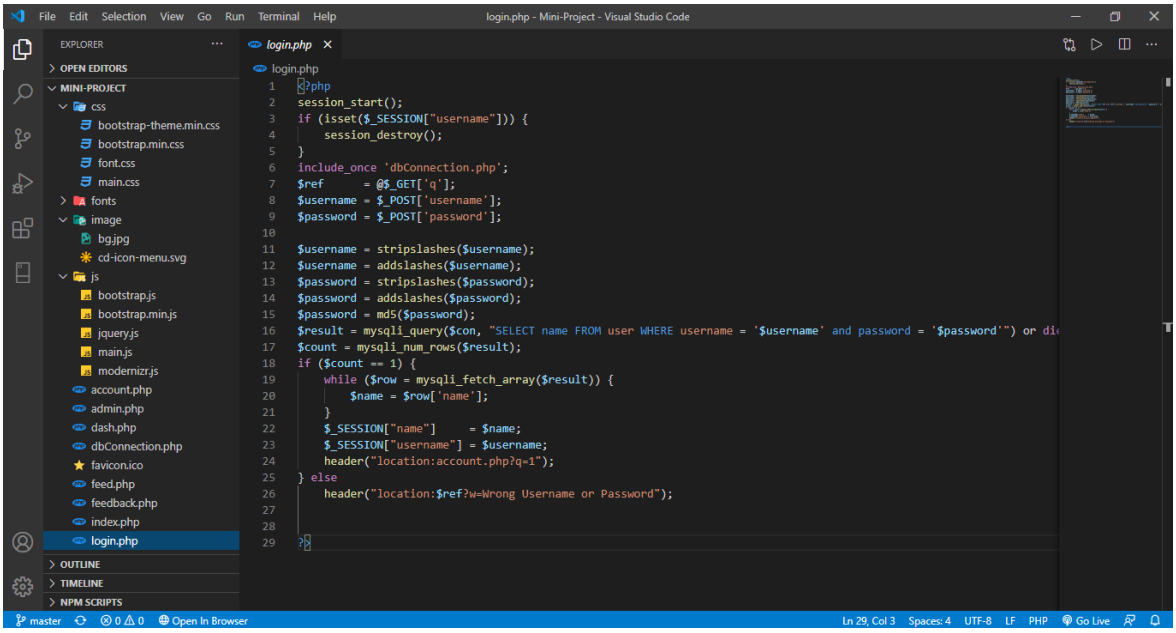
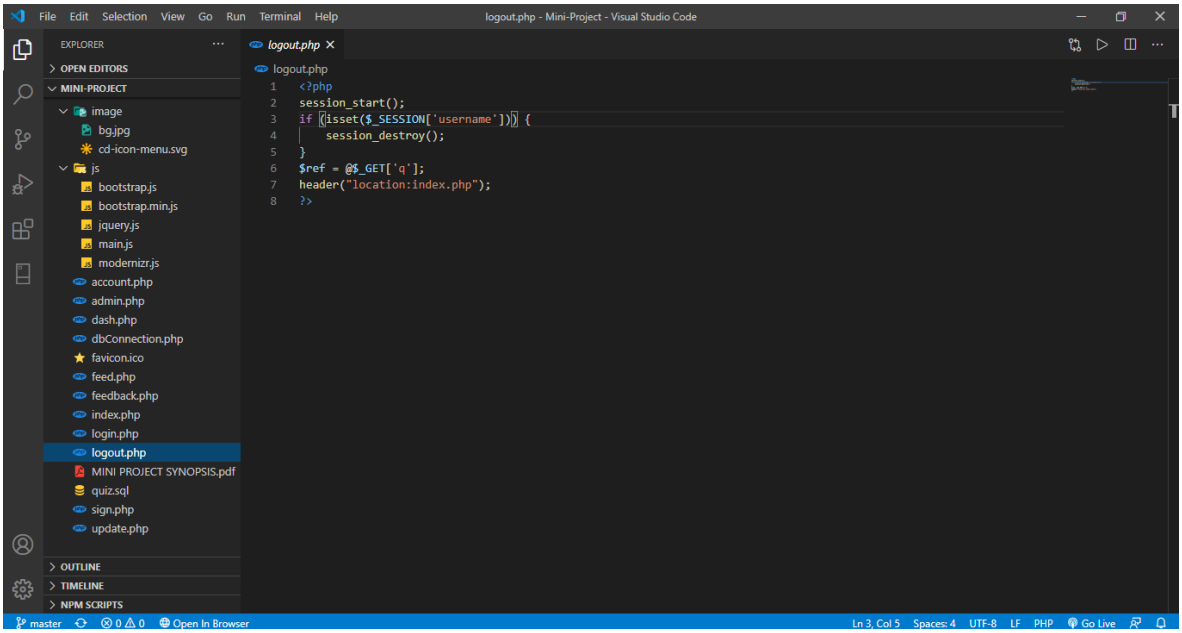
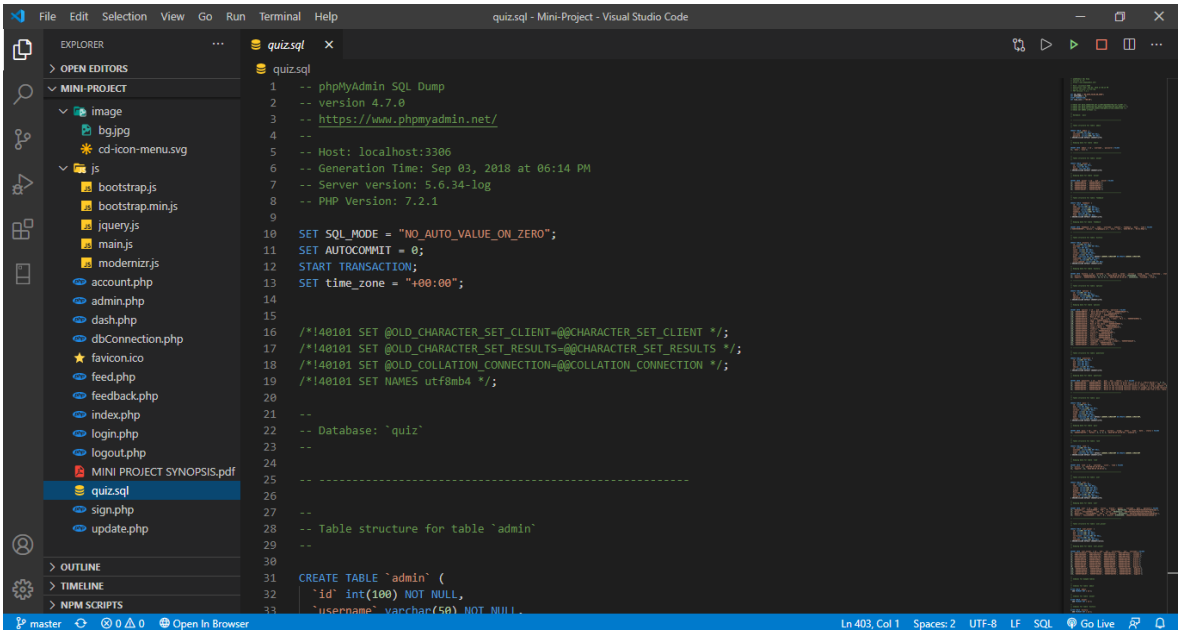


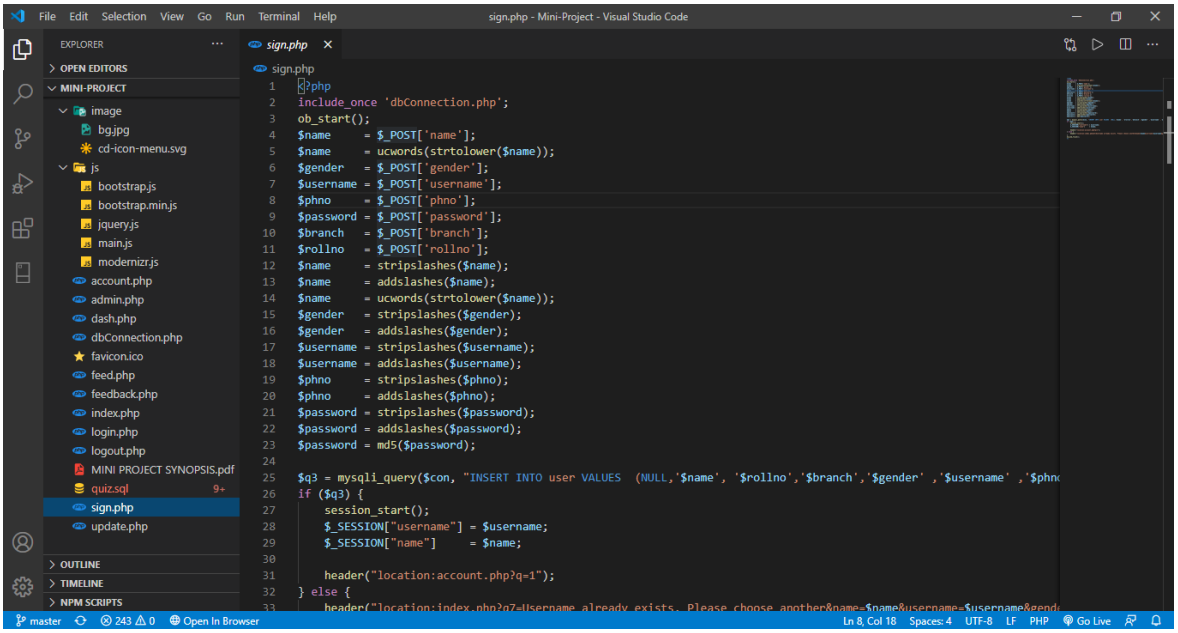
- ‘logout.php’:



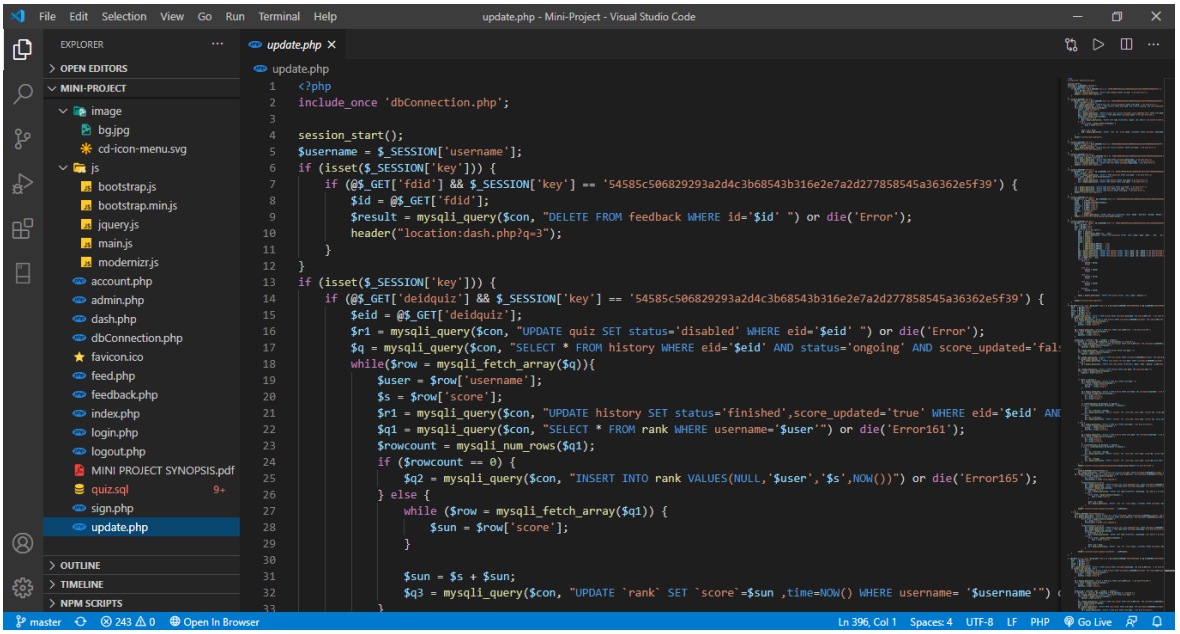
- ‘quiz.sql’:



- ‘sign.php’:

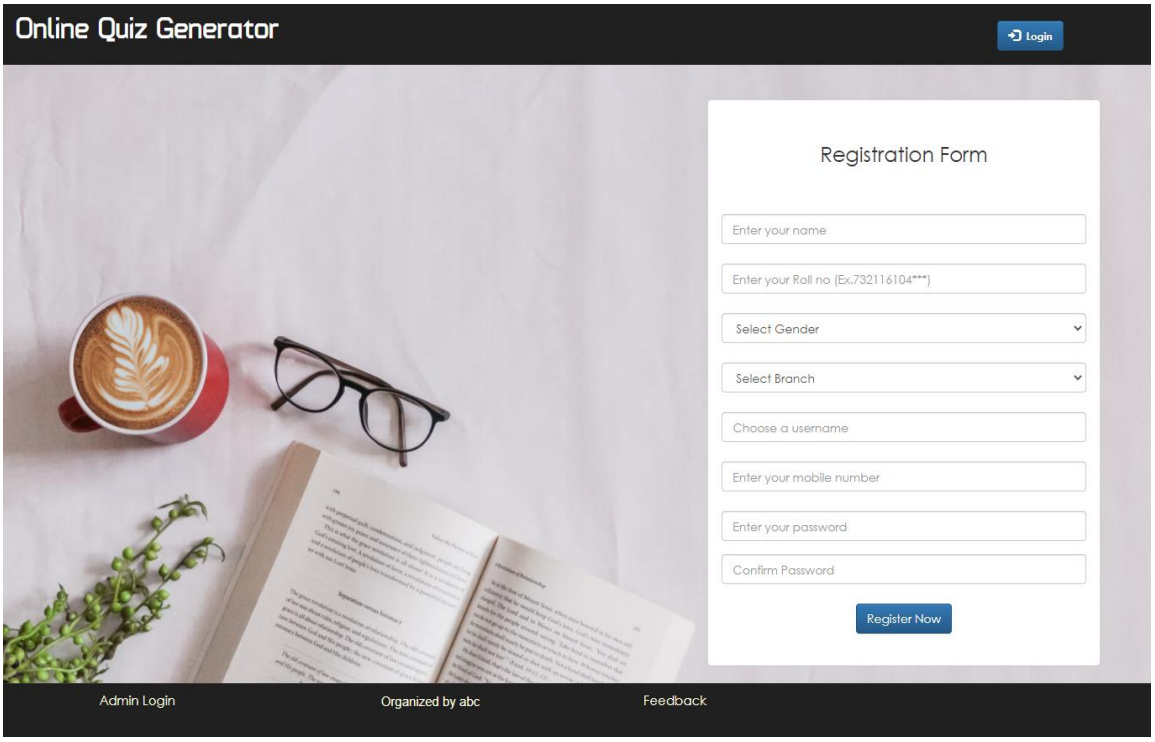


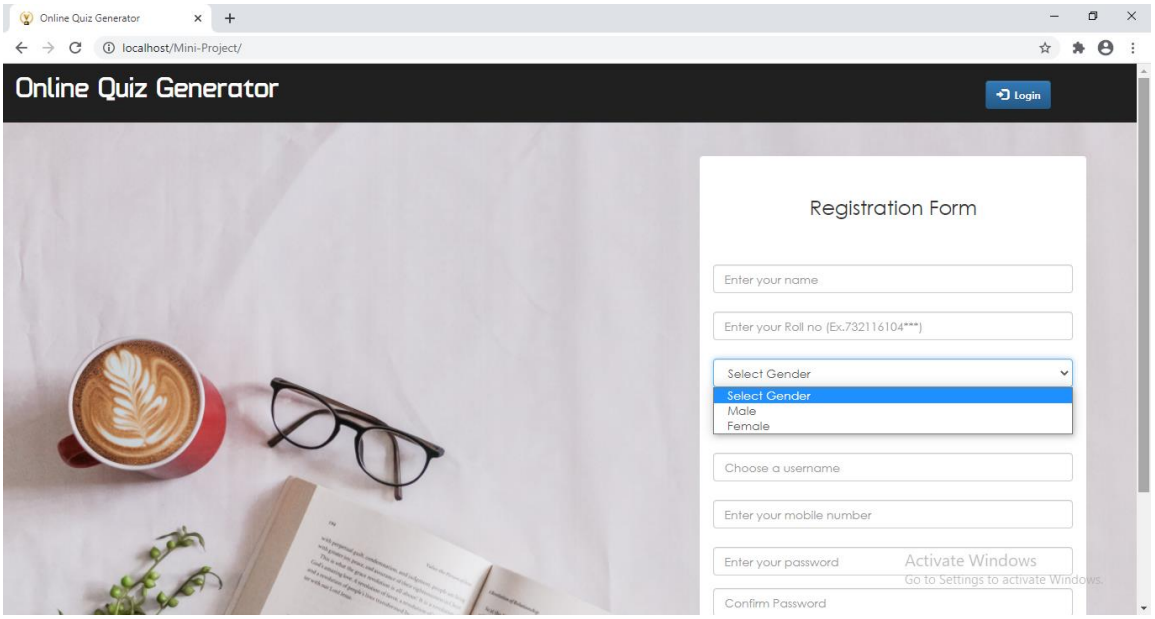
- ‘update.php’:

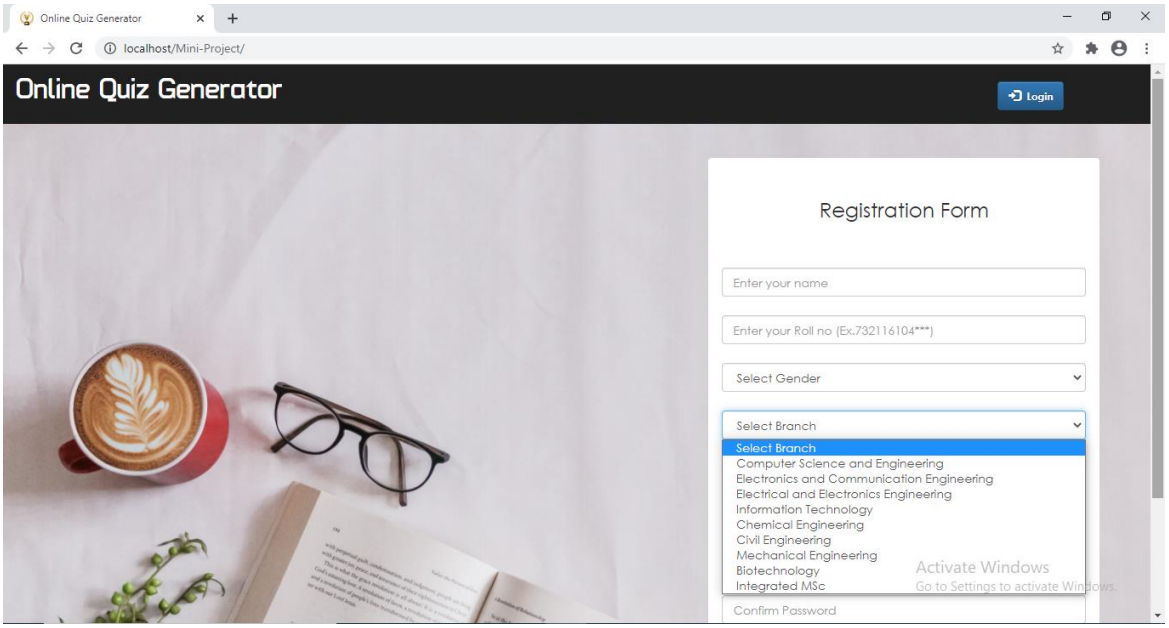


6.2 Output Screenshots:

- Index page:



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Online Quiz Generator
Login
Registration Form
Enter your name
Enter your Roll no (Ex.732116104***)
Select Gender
Select Branch
Select Branch
Computer Science and Engineering
Electronics and Communication Engineering
Electrical and Electronics Engineering
Information Technology
Chemical Engineering
Civil Engineering
Mechanical Engineering
Biotechnology
Integrated MSc
Activate Windows
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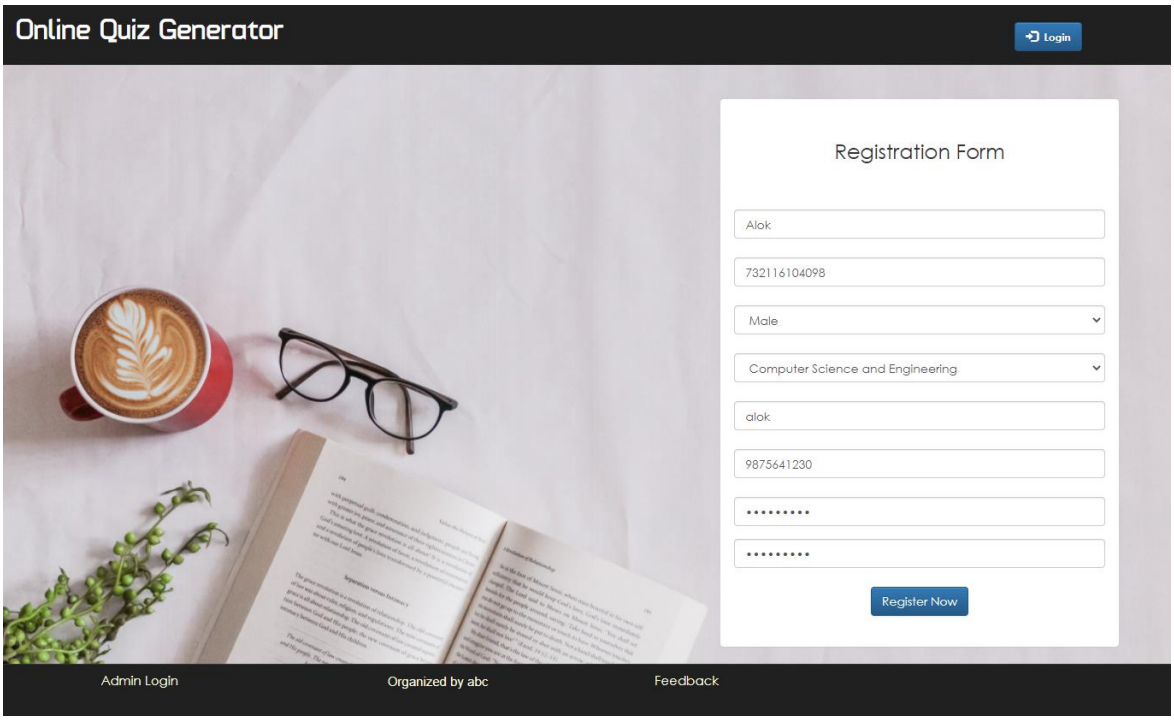
Confirm Password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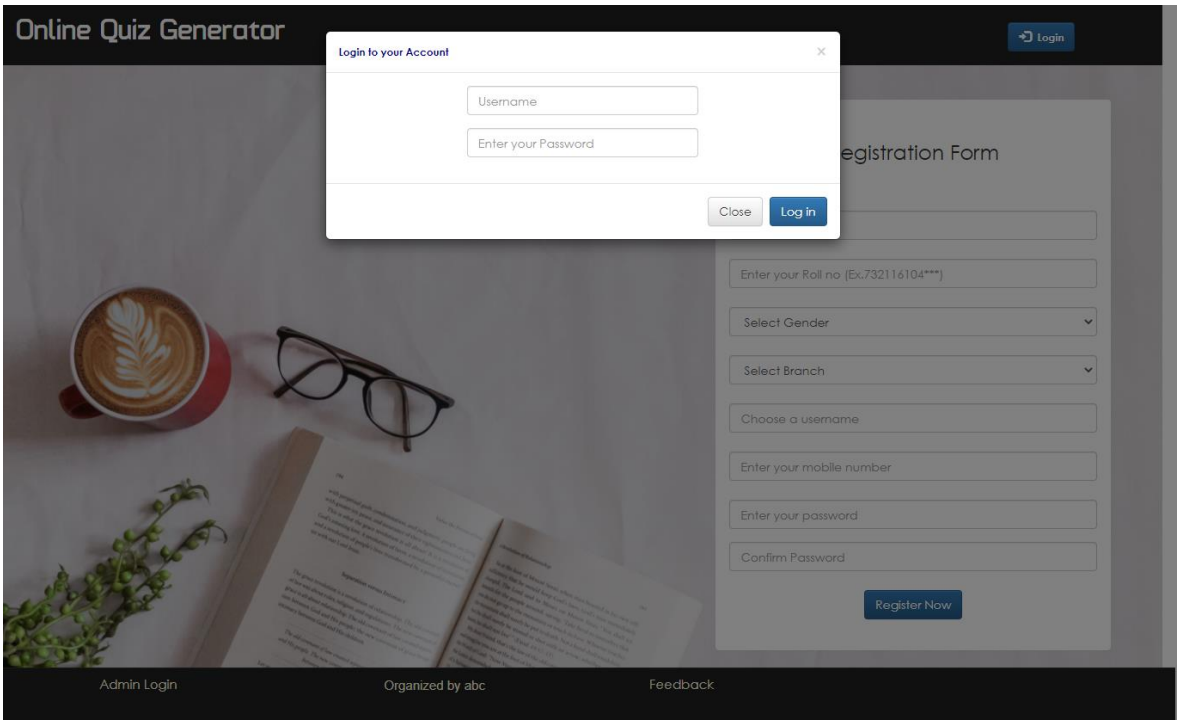
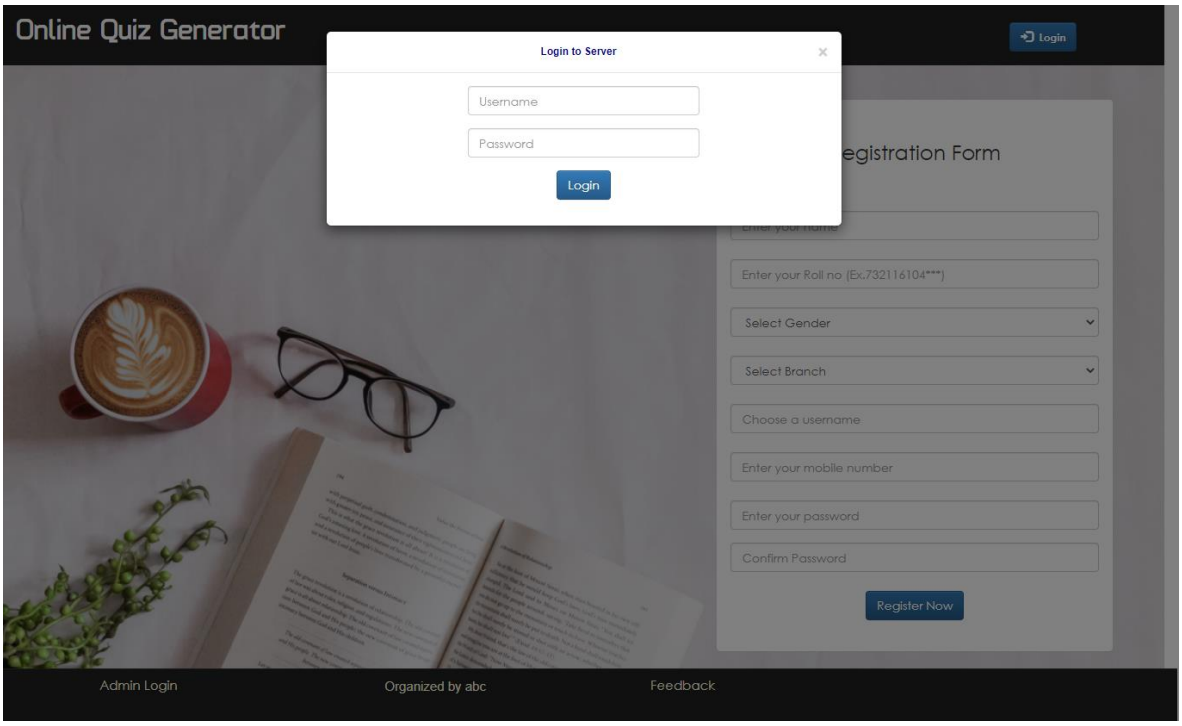
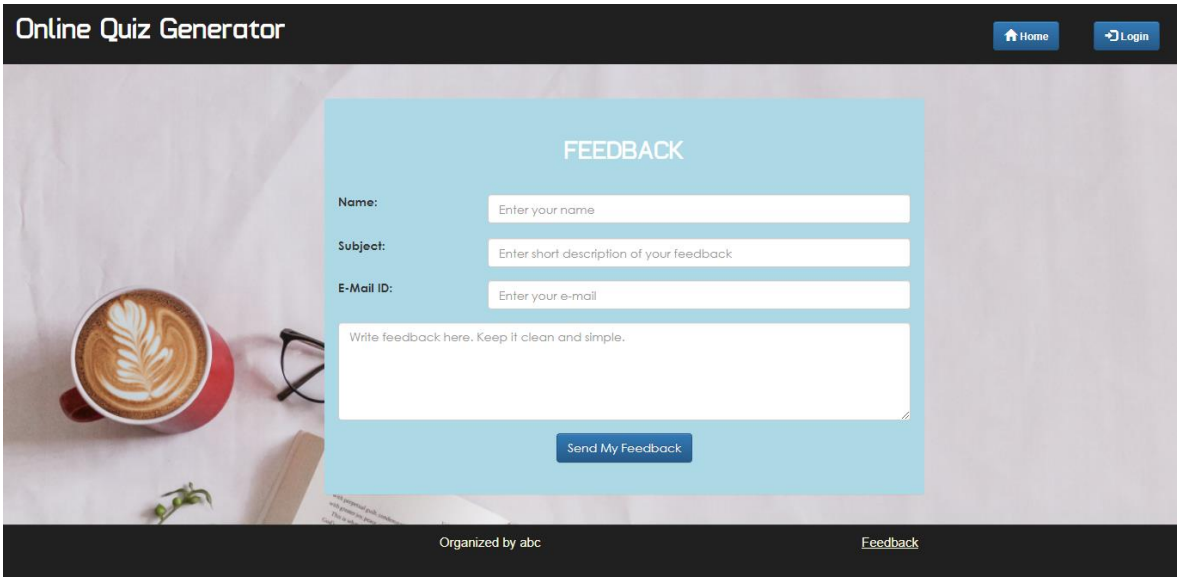
- Login Screens:



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Write feedback here. Keep it clean and simple.
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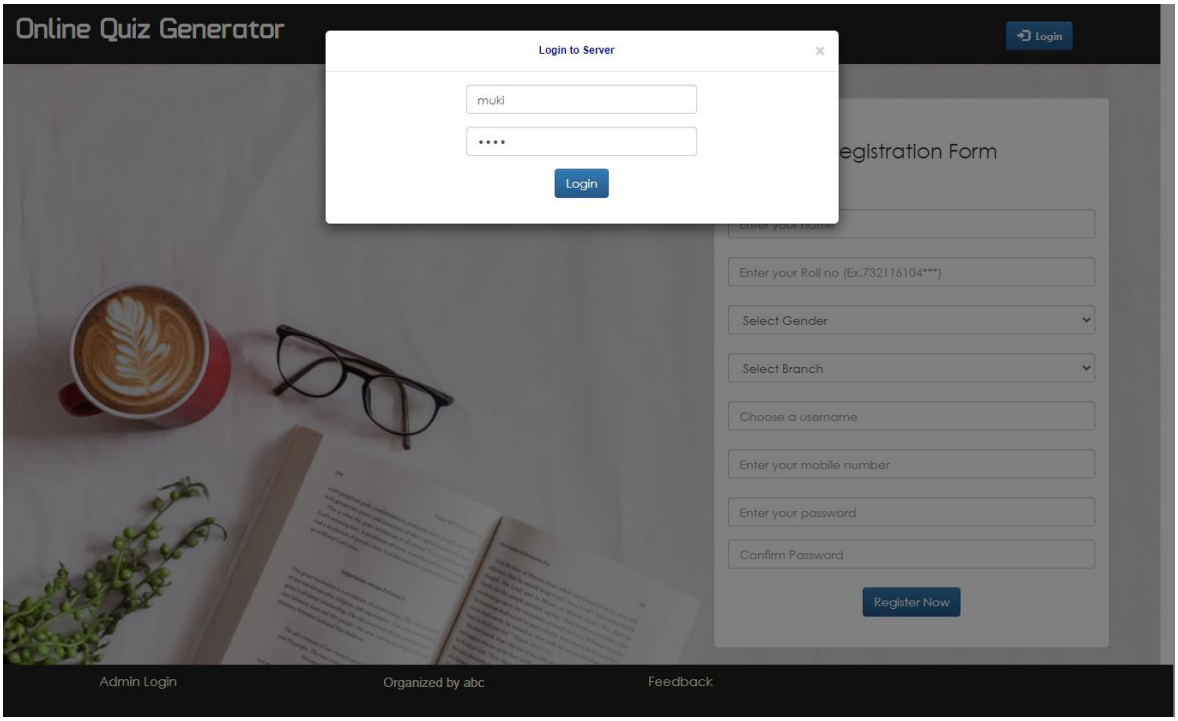
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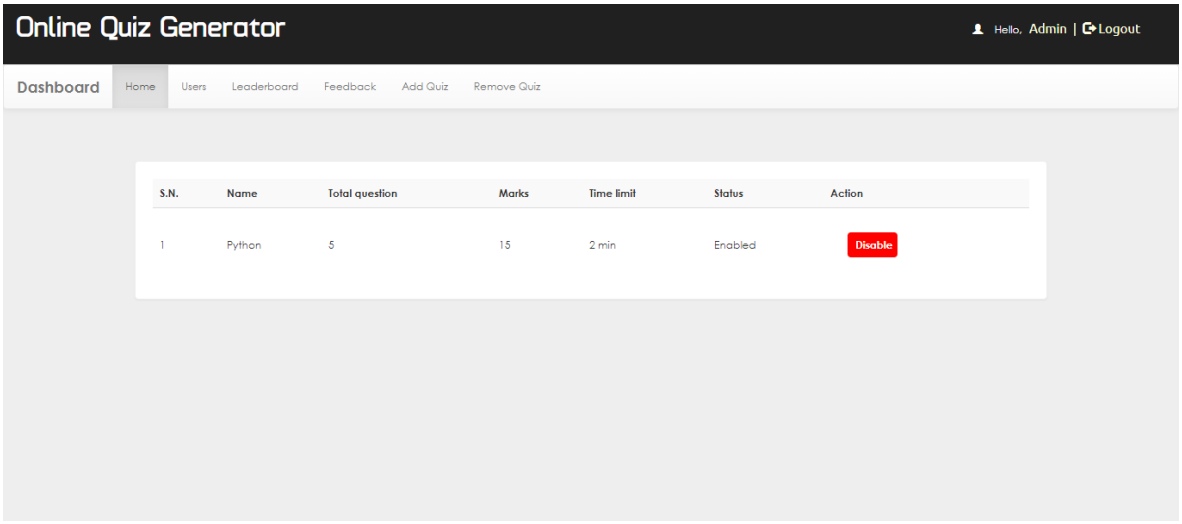
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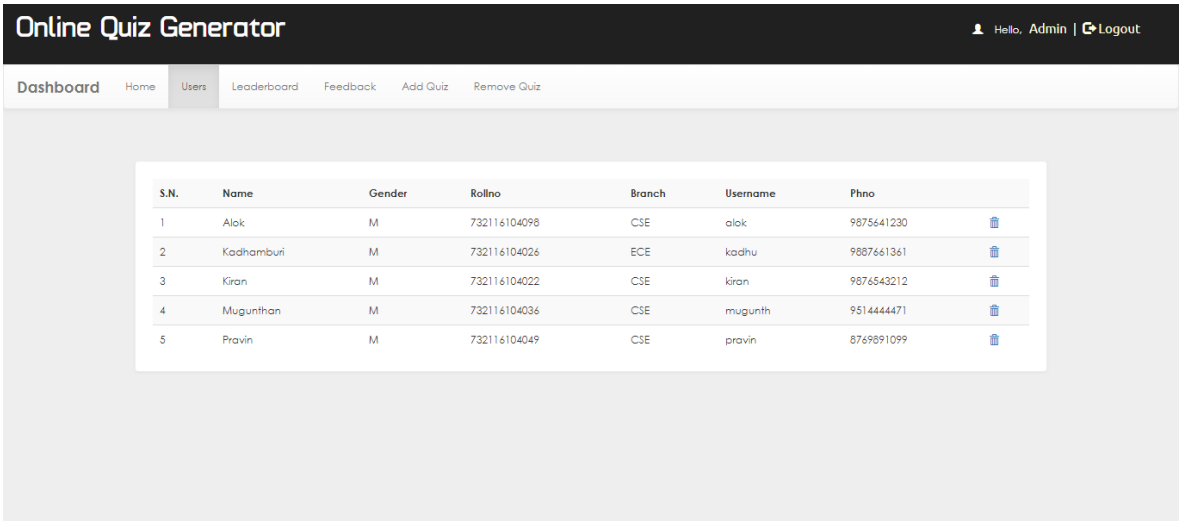
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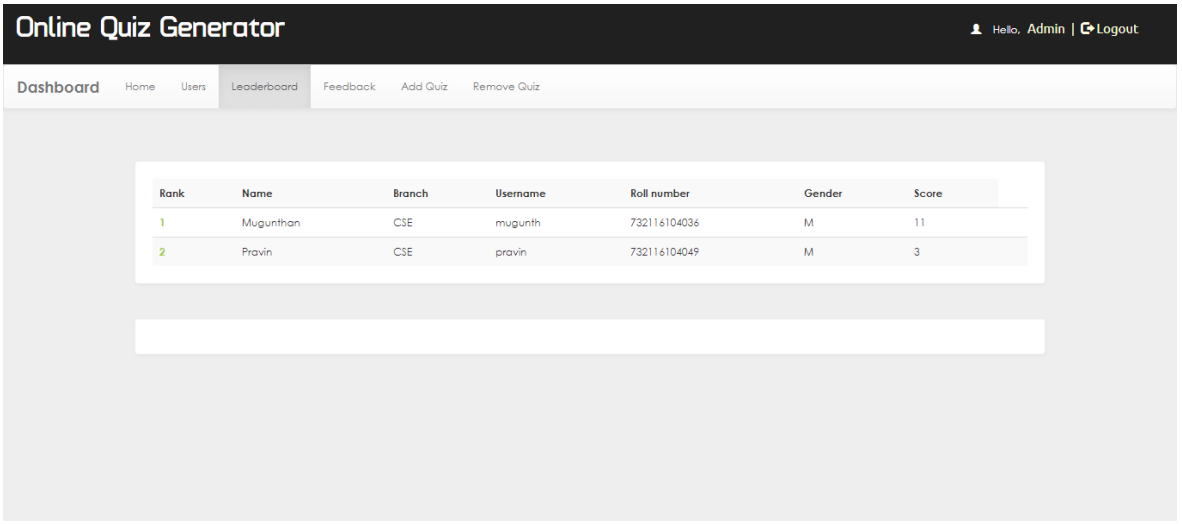
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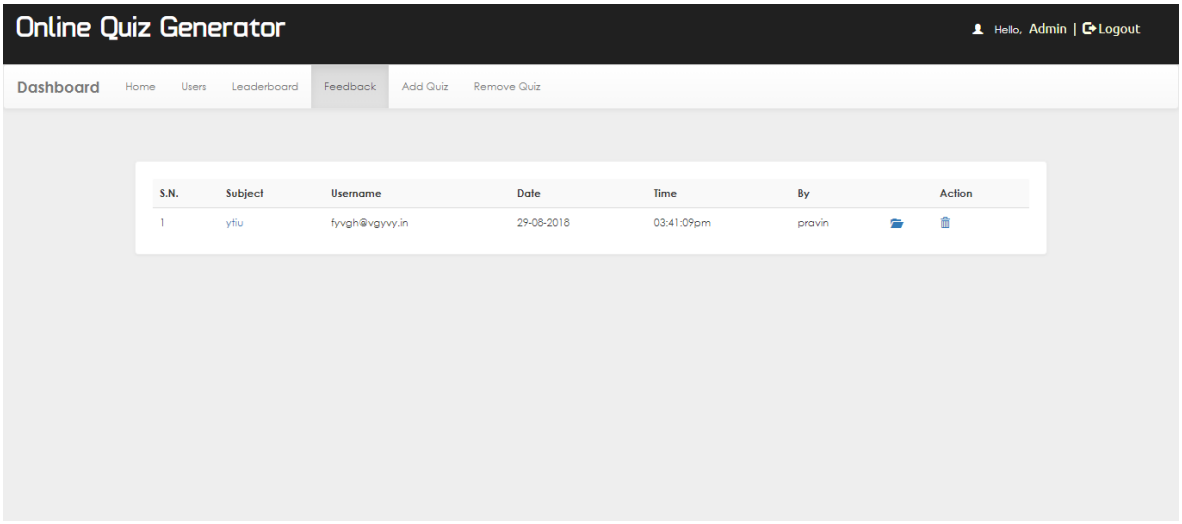
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Remove Quiz
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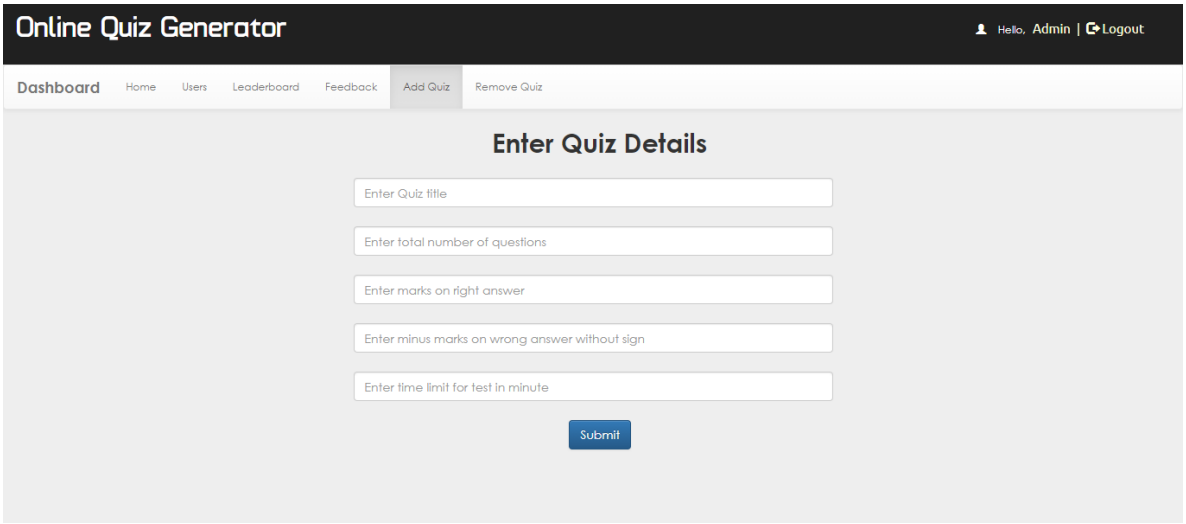
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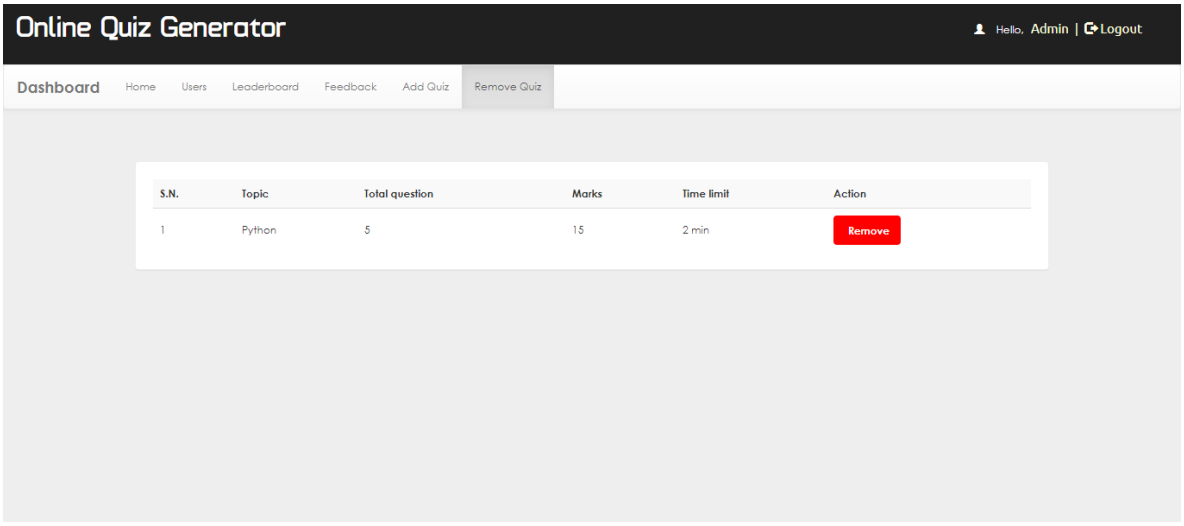
Enter total number of questions
Enter marks on right answer
Enter minus marks on wrong answer without sign
Enter time limit for test in minute
Submit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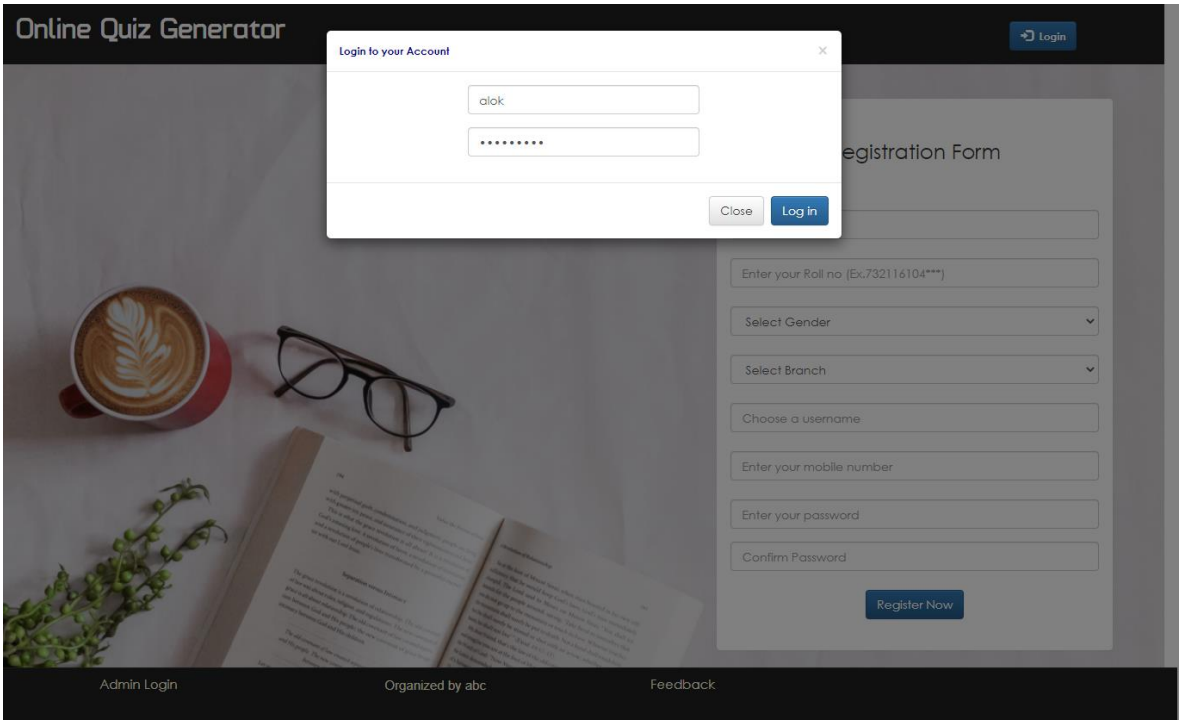
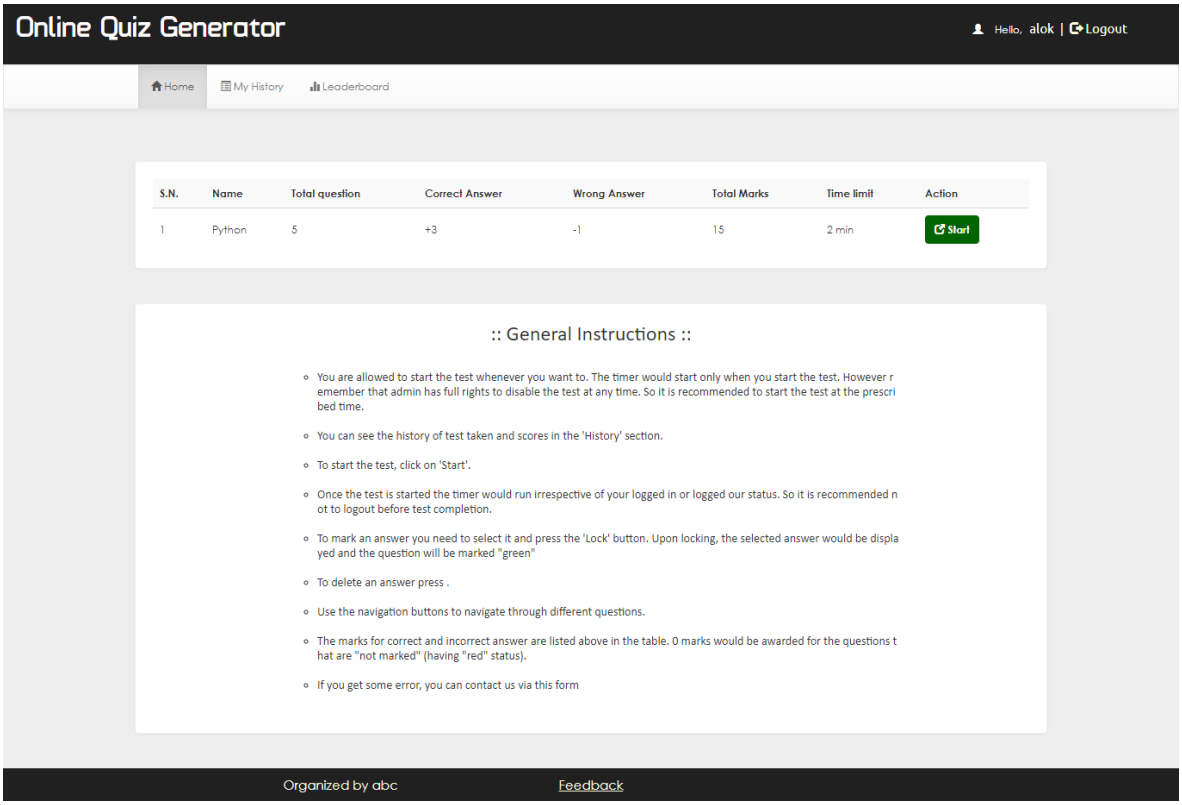
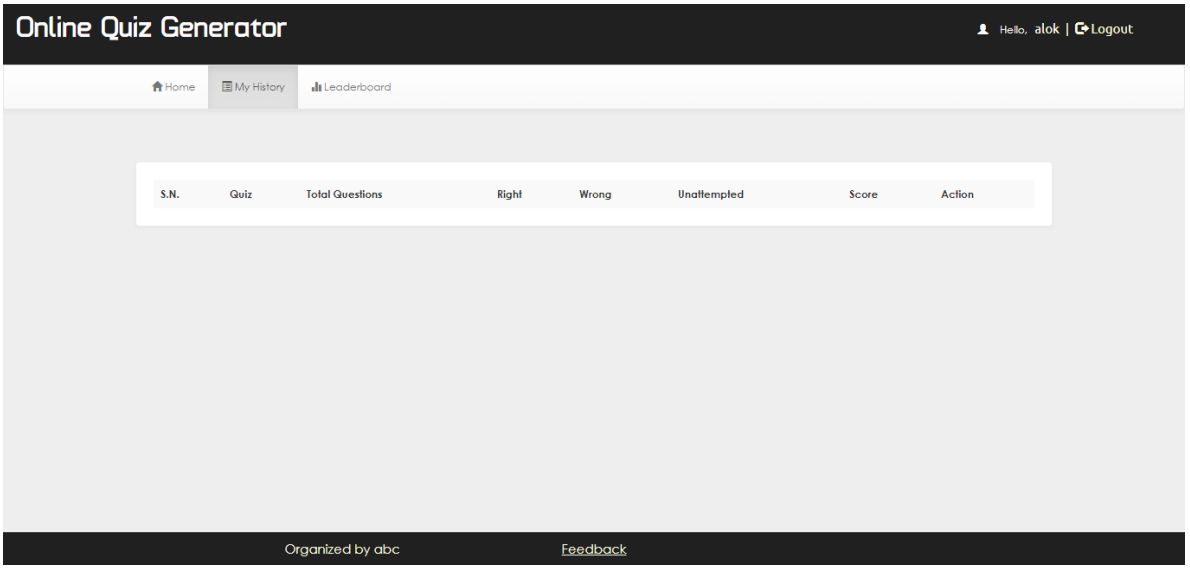
- Student Pages:



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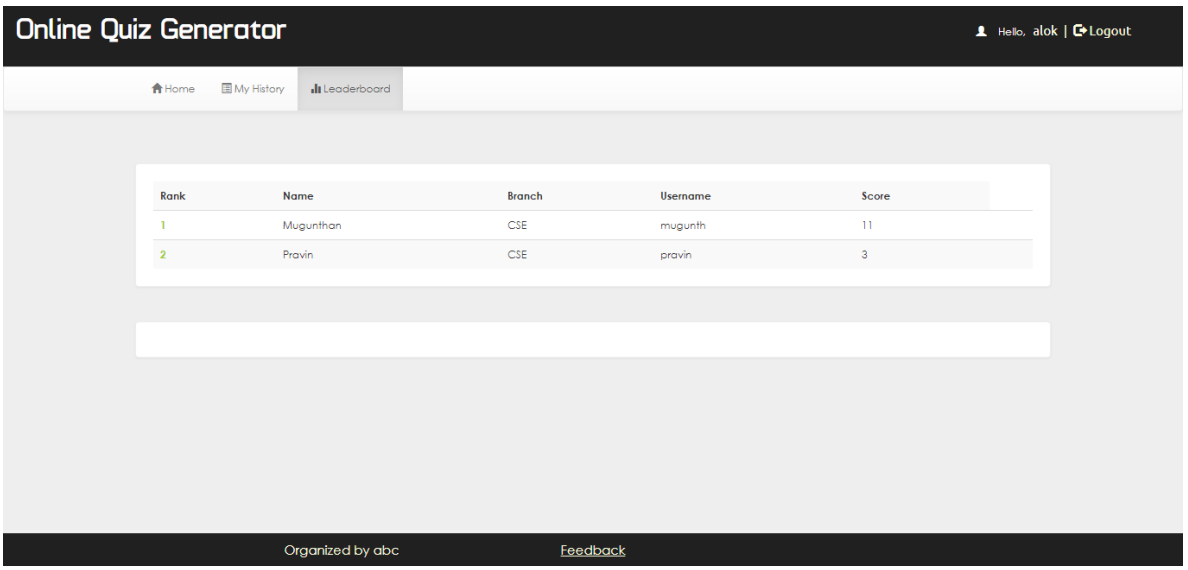
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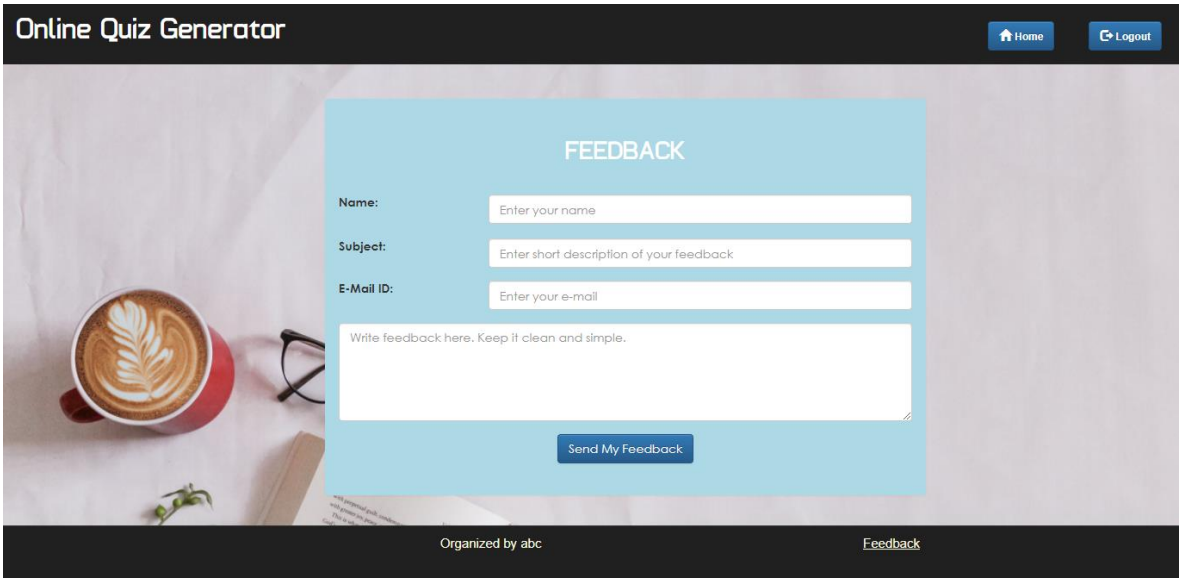
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Logout
FEEDBACK
Name:
Enter your name
Subject:
Enter short description of your feedback
E-Mail ID:
Enter your e-mail
Write feedback here. Keep it clean and simple.
Send My Feedback
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7. References

We referred to the following resources:

- Our ongoing Full-Stack lectures and lab assignments
- Website for Web-development: https://www.beta-labs.in/
- Google search
- YouTube videos
- Website: https://www.w3schools.com/
- Course for Full-Stack Development on Udemy
  1. Course name: The Complete 2020 Web Development Bootcamp
     Link: https://www.udemy.com/course/the-complete-web-development-bootcamp/
     Attended By: Pratibha Dixit
  2. Course name: Web Development Masterclass- Complete Certificate Course
     Link: https://www.udemy.com/course/web-development-masterclass-complete-certificate-course/
     Attended By: Megha Kansal