

RAJSHAHI UNIVERSITY OF ENGINEERING AND TECHNOLOGY



PROJECT REPORT

Course No: CSE 3100

Course Title: Web Based Application Lab/Project

Date of Submission: 05.01.2020

Submitted to:

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Department of Computer
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Project Title: Online Quiz for RUET students.

Introduction: This is a simple quiz website where the teachers of RUET will add questions for their courses and students will be able to practice in the quiz using those questions in a timely manner, record them and check their progress.

Requirements:

Software:

1. Text Editor (Sublime Text)
2. Local Server (XAMPP)
3. Web Browser (Mozilla Firefox)

Languages:

1. HTML
2. CSS
3. PHP
4. MYSQL

Others:

1. Bootstrap4 CDN
2. Javascript CDN
3. jQuery CDN
4. PopperJS CDN

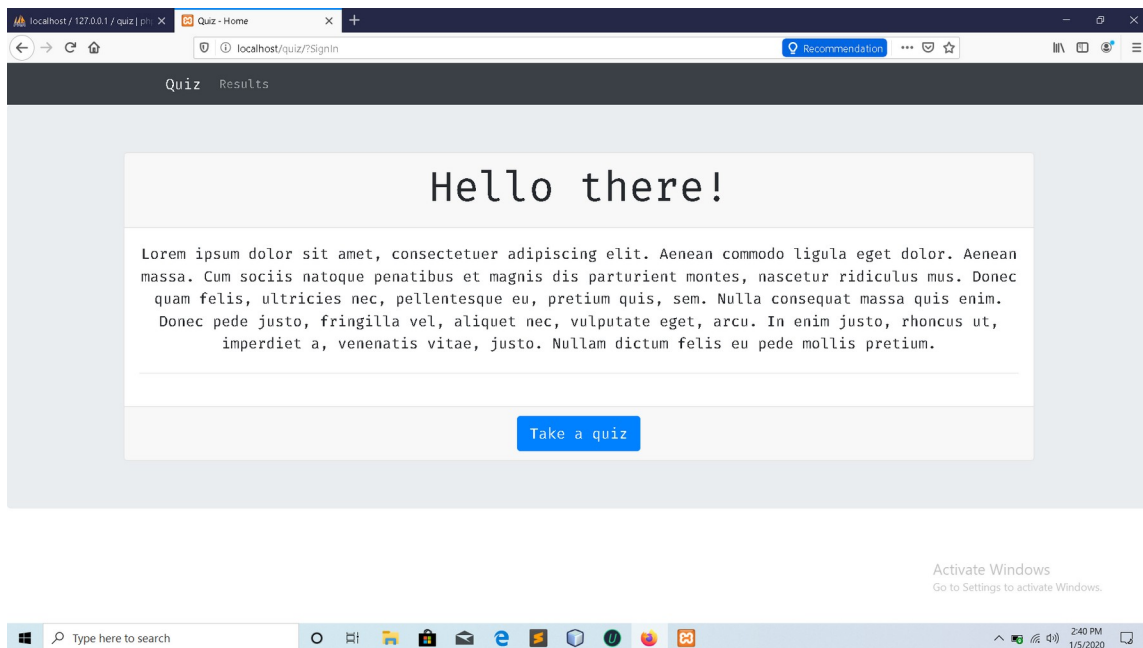
Note: Due to the use of CDNs, it requires an active internet connection.

How the website works:

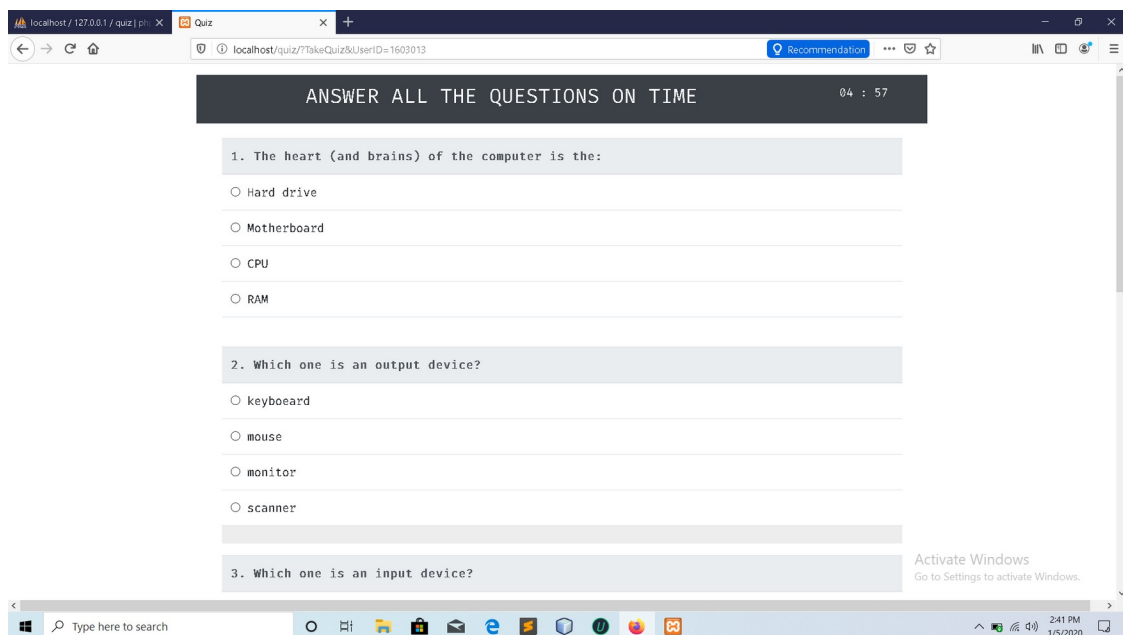
When the website first loads, it prompts the visitor for login credentials. After valid inputs, the server redirects the user to his/her corresponding web-page. If the visitor is not registered, s/he can register after all the requirements are met. The server validates the inputs, checks if the requested user is already registered or not, and then adds the user to the database and redirects to corresponding web-page.

There are two types of users that can be registered and two type of pages will be loaded depending on the type of user.

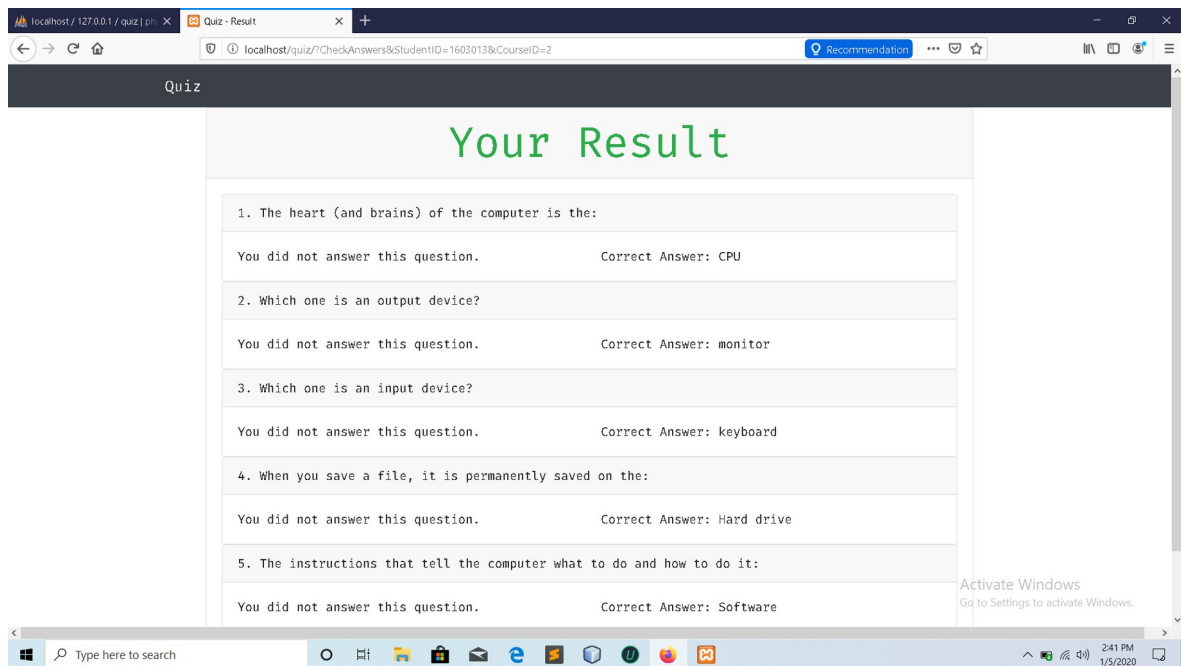
1. User Type – Student:



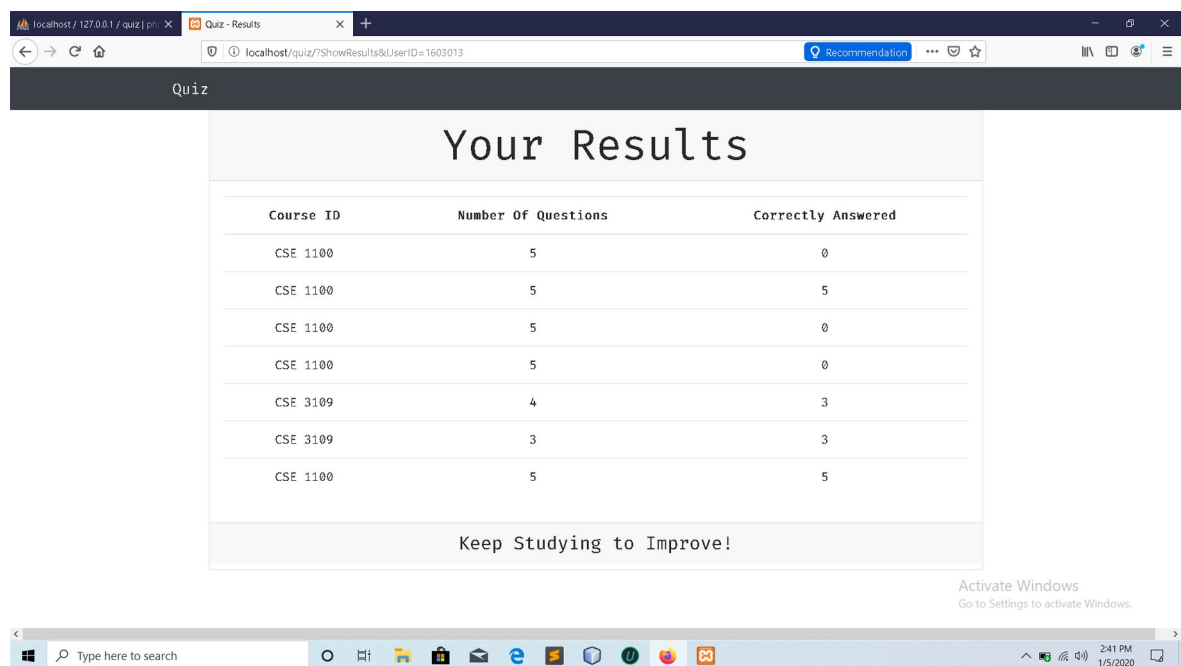
Students can select course to perform quiz and the number of questions to select. The server will fetch questions of that course and generate a quiz. The time will provided by the server dynamically.



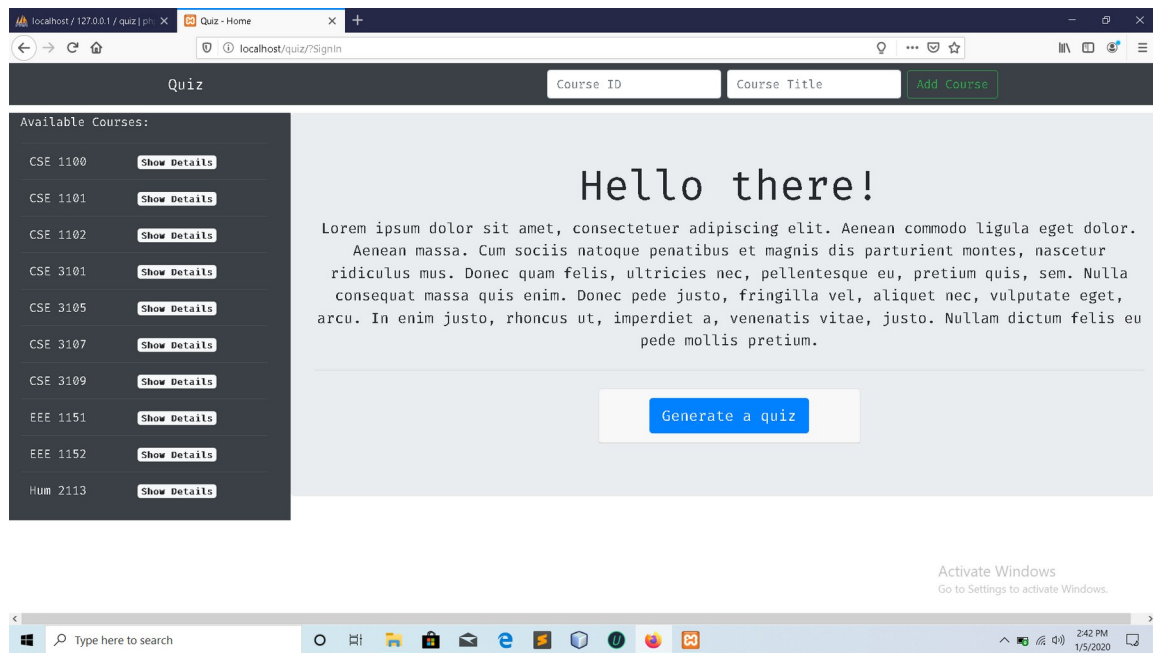
After the student answered all the questions and/or clicks the “Check Answer” button, or the timer is up, the selected answers, if there is any, will be matched and there result will be sent to the user with the corresponding correct answers.



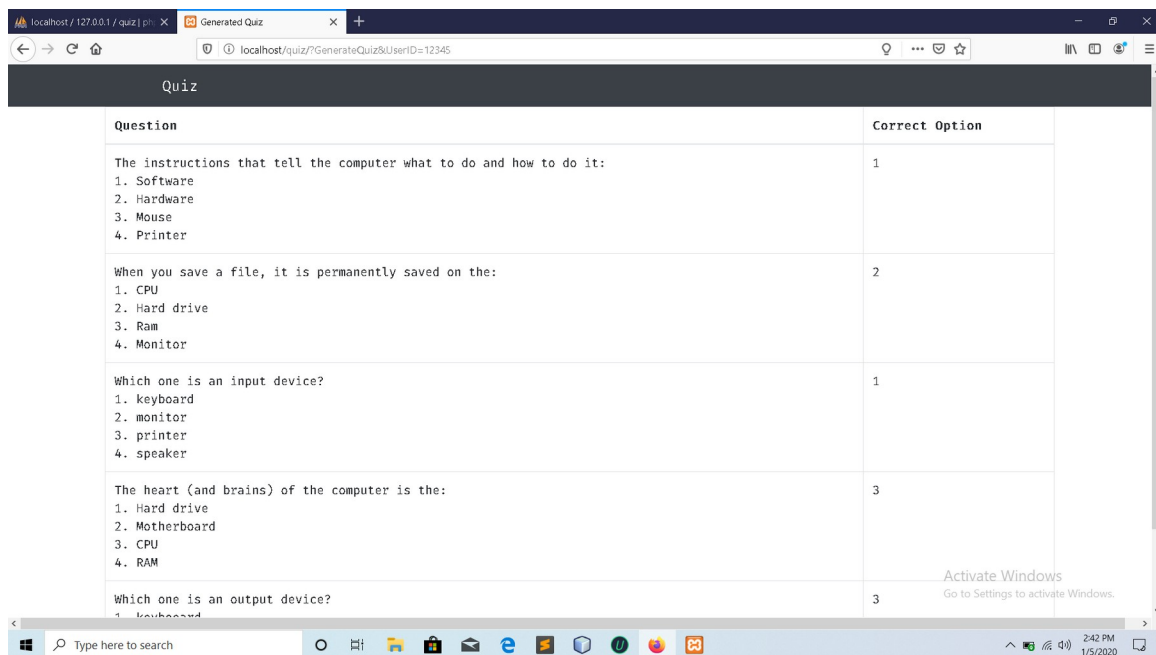
Students can check their previous quiz results from the “Results” button in home page.



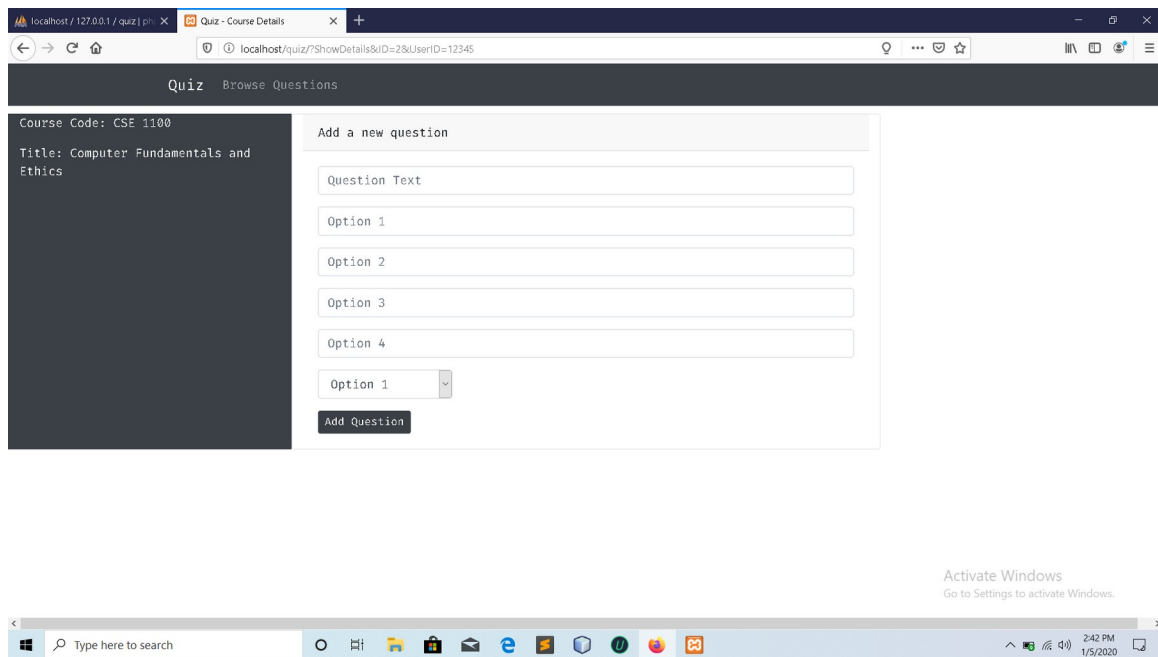
2. User Type – Teacher:



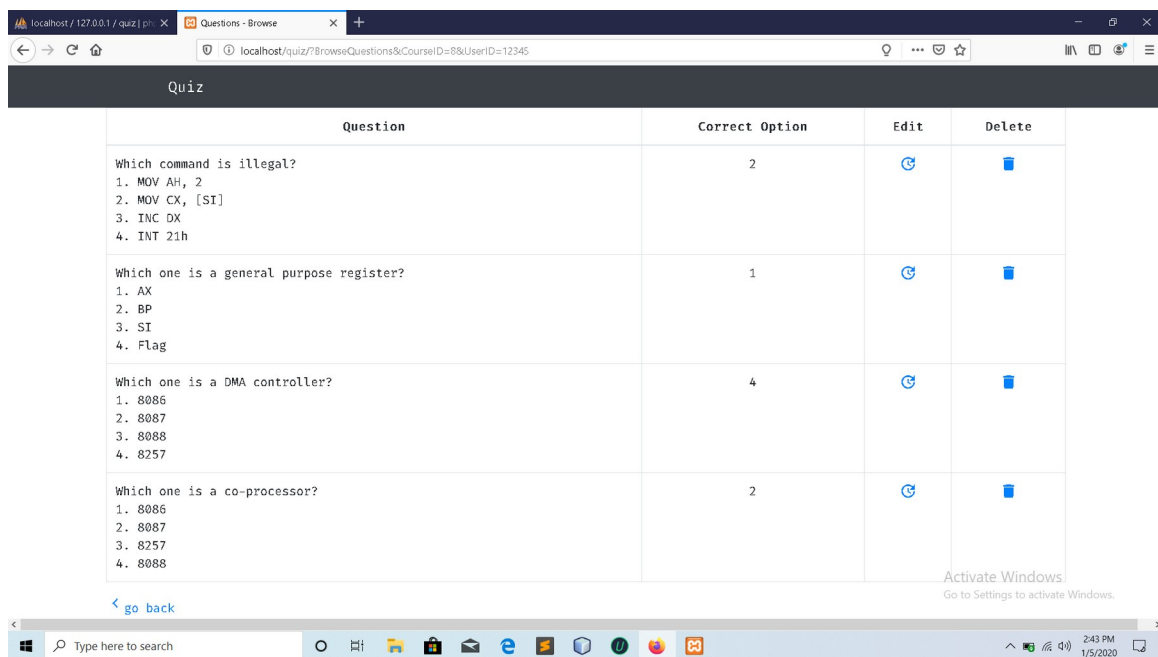
Teachers will be able to add new courses to the server and all the available courses can be seen in the left side of the home page. There is an option for the teachers to generate a sample quiz that s/he can use for students.



From the available courses, they can see another page for detailed information and can add question there.



Also they can see all the questions of the corresponding course from the “Browse Questions” menu, where they can edit any mistakes in the questions, or delete questions, if necessary.



Conclusion: Although the website does not include much feature and its database still lacks enough data, it provides some basic functionalities that can help the students to keep track of their study and improve accordingly.