SIMPLE QUIZ APPLICATION

Scope:

The quiz application will be a web-based platform that allows users to access and try various quizzes. It will provide features for user registration, quiz-taking, and result tracking.

Objectives:

The main objectives of the quiz application are as follows:

- Provide a user-friendly interface for participating in quizzes.

- Allow users to register themselves.

- Support various question types, such as multiple-choice, true/false, and fill in the blanks.

- Provide immediate performance analysis upon quiz completion.
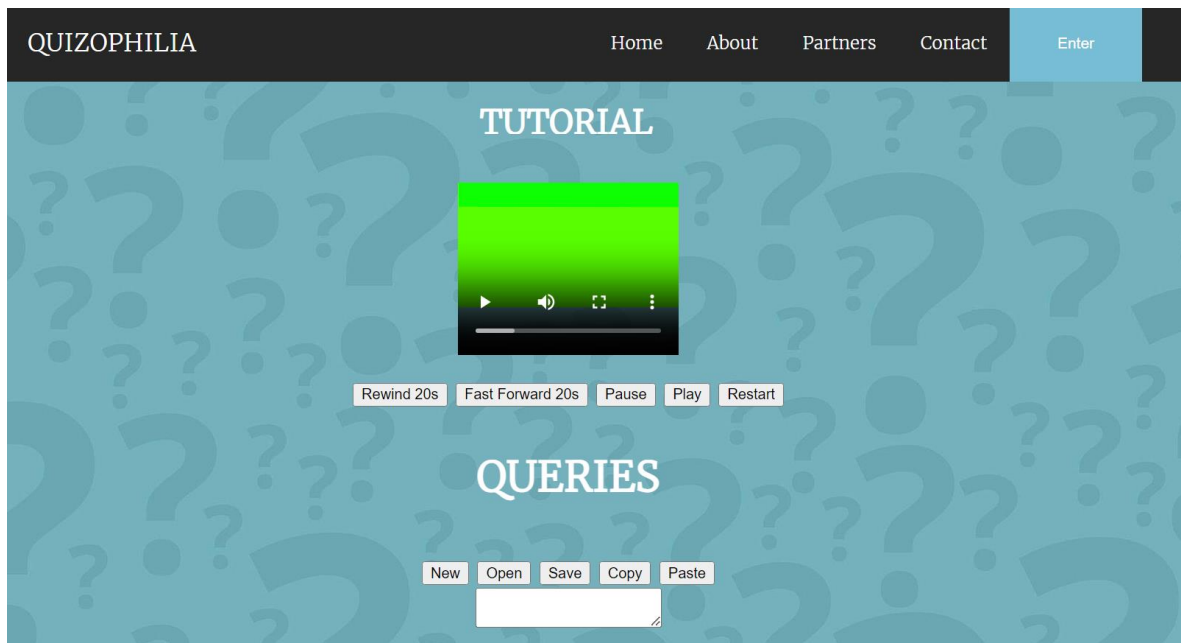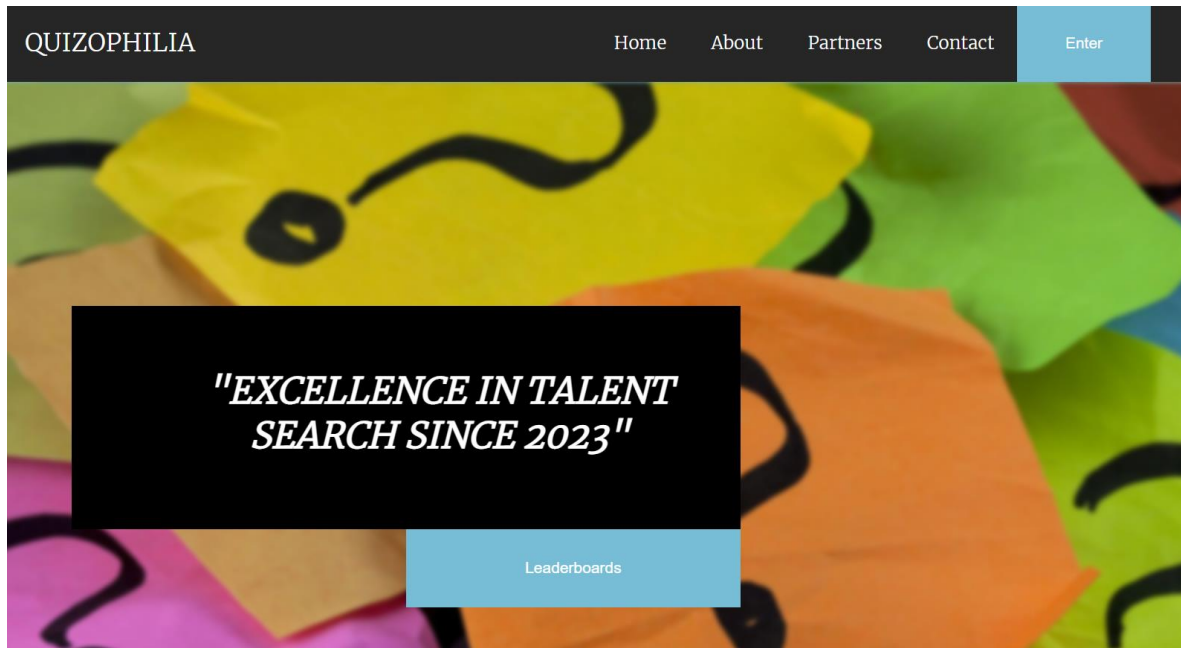
Software Requirements:

- Programming Language: HTML, CSS, JavaScript

- Development Framework: Angular

- Database Management System: MongoDB
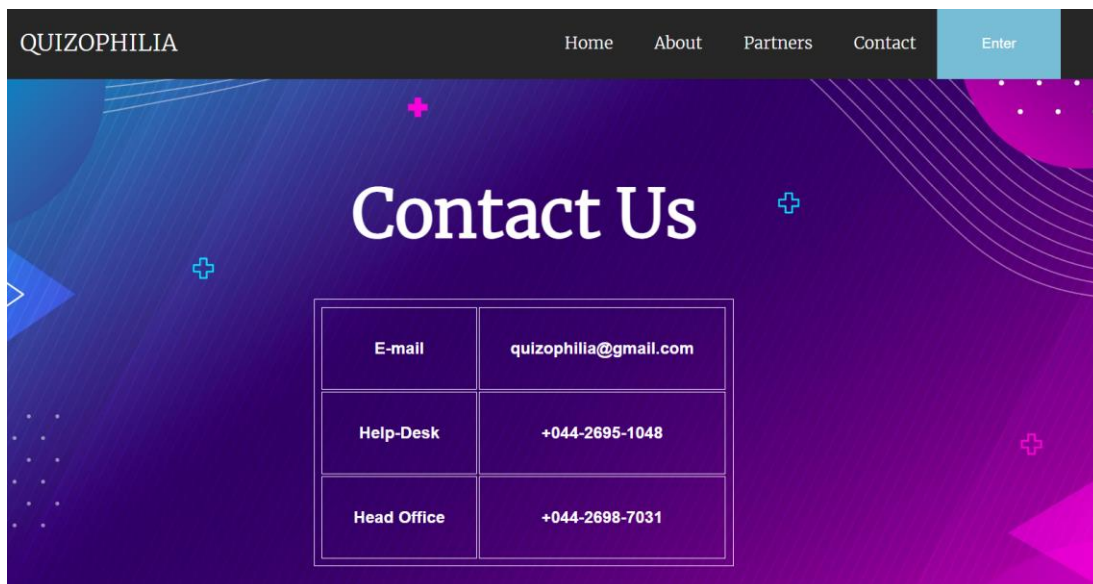
- Web Server: Node and Express

-Tools: Insomnia

Features:

- The home page contains contact details, provision for tutorial videos on how to use the application and a text-box to add queries.
- Provisions to login or register into the application. User authentication is currently under development
- Provision to choose between quizzes on various topics.
- The quiz is static with fixed number of questions which should be answered before submission of the quiz.
- Upon submission, the result percentage scored along with the right and wrong question for each question is displayed.
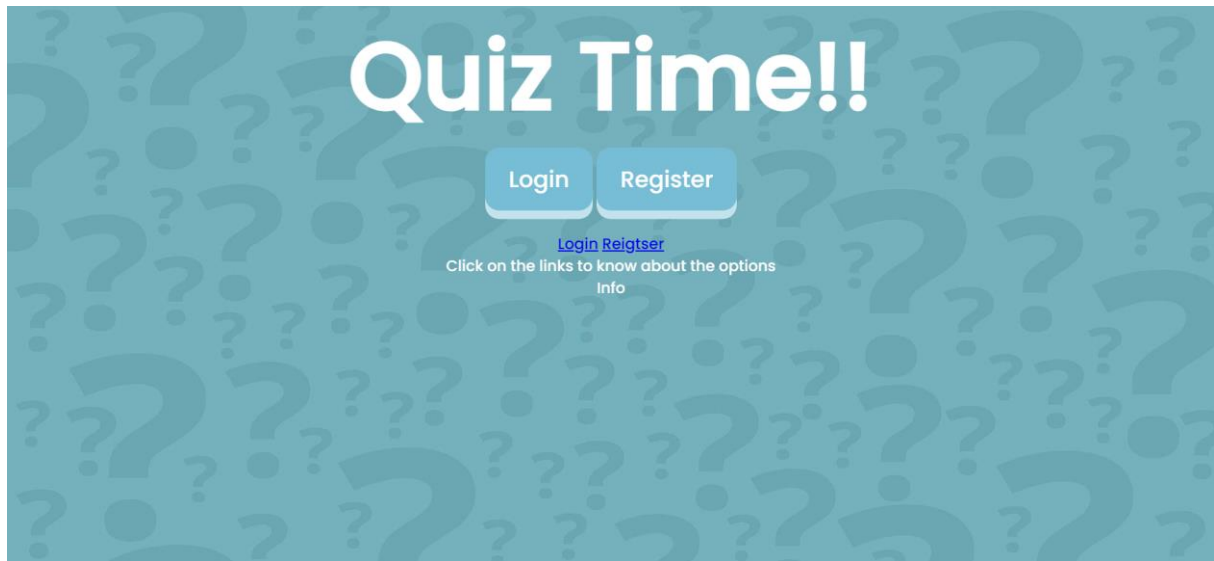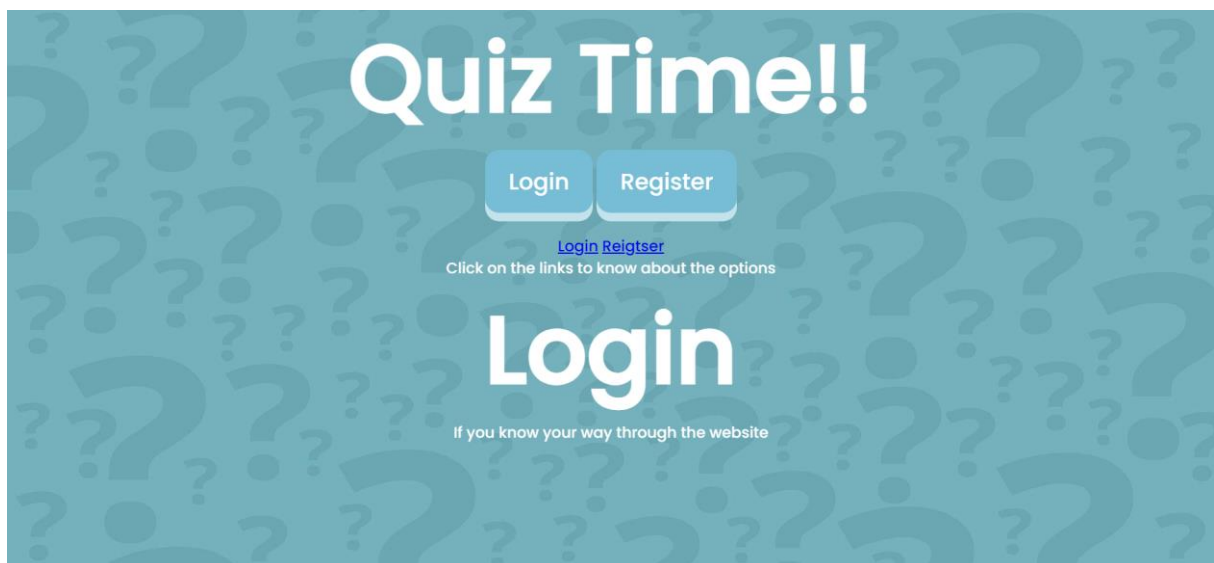
Sample screenshots:

Home page:

Our Partners

Contact Us

E-mail	quizophilia@gmail.com
Help-Desk	+044-2695-1048
Head Office	+044-2698-7031

Main Page:

Navigation menu with page intel:

Login:

Register:

Form validation:

Quiz home page:

Demonstration of quiz search:
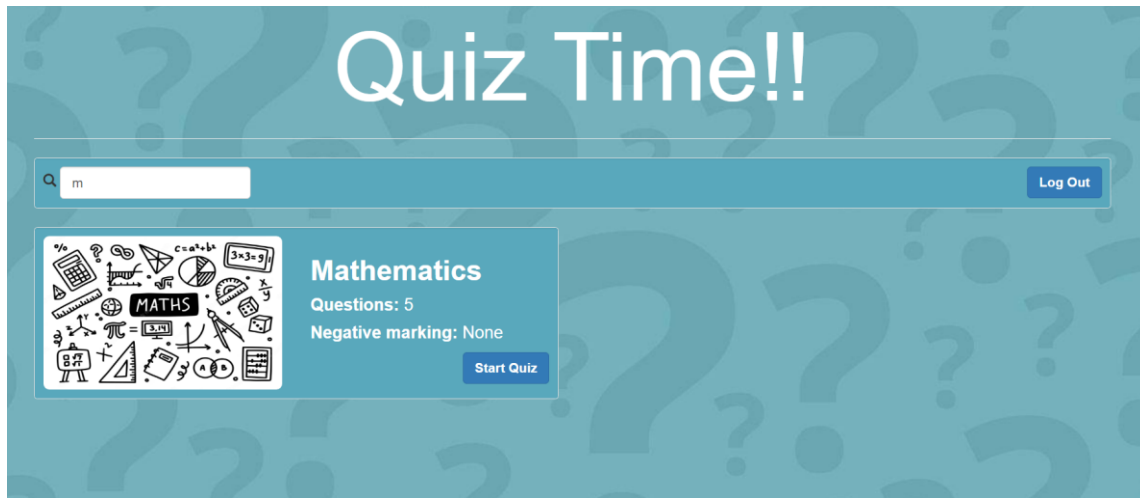
Quiz template:
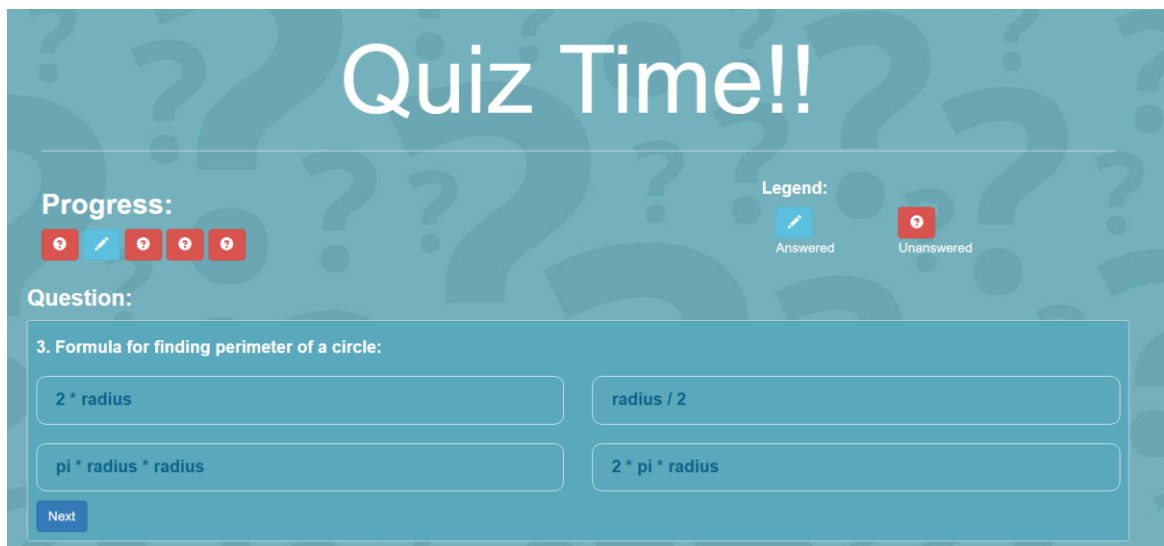
Different colour to highlight chosen answer:

Alert message to answer all questions before submitting:

Confirmation before submission:

Performance analysis:

Use of insomnia tool to fetch registered user data from the server:
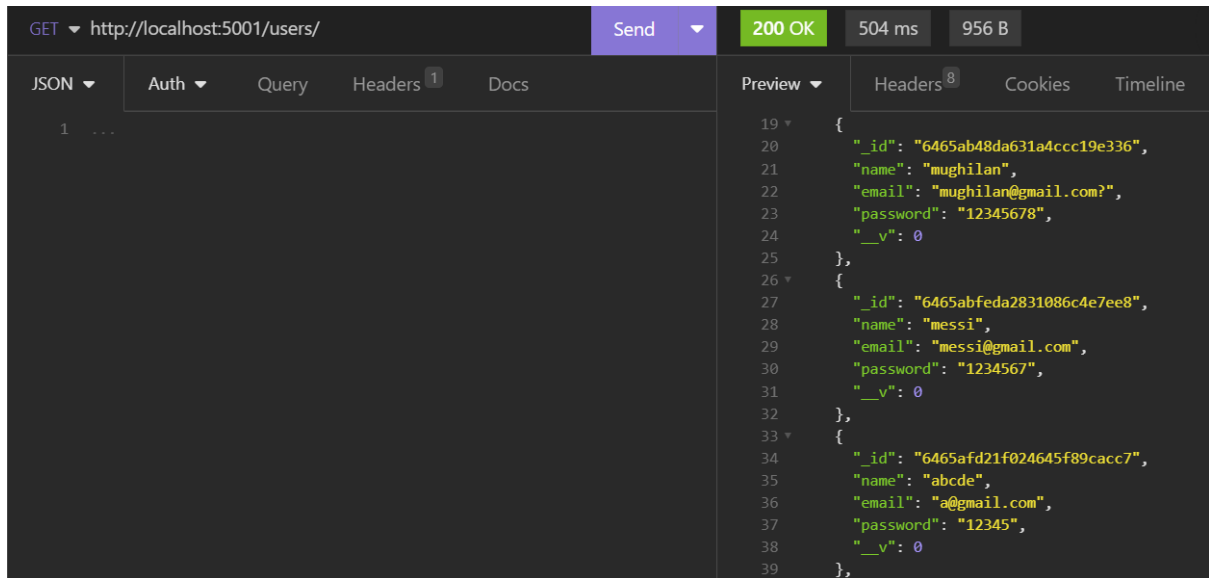
User data in server:

{"_id":"6465ab48da631a4ccc19e336","name":"mughilan","email":"mughilan@gmail.com?","password":"12345678","__v":0},
{"_id":"6465abfeda2831086c4e7ee8","name":"messi","email":"messi@gmail.com","password":"1234567","__v":0},
{"_id":"6465afd21f024645f89cacc7","name":"abcde","email":"a@gmail.com","password":"12345","__v":0},
{"_id":"6465b2571f024645f89cacda","name":"abcdef","email":"a@gmail.com","password":"12345","__v":0},
{"_id":"6465b4d1735c035a64186cd7","name":"arun","email":"arun@gmail.com","password":"123457","__v":0},
{"_id":"6465e62ecccc8d0880266405","name":"mughilank","email":"mughilankathieer@gmail.com","password":"1234567","__v":0}]}

User data stored in MongoDB Atlas:

Conclusion:

The Quiz Application's basic functionalities were implemented successfully to provide the user with an immersive quiz taking experience and the user authentication process initiation upon login attempt is under active development.