

(this represents the home screen that has "/" as the end point)

Welcome to the quiz app

Who is playing?

Enter your name

(this represents the screen that has "/start" as the end point)

Hello, Name!

Let's set up a new quiz.

Surprise Me

configure

(this represents the screen that has "/category" as the end point)

Quiz App

Choose a category:

General Knowledge

Entertainment

Science

Mythology

Surprise Me

(this represents the screen that has "/categories/subcategory")

Quiz App

Science:

Computer Science

Science & Nature

Mathematics

Gadgets

Surprise Me

Quiz App

(this represents the screen that has "/quiz" as the end point)

Points: X

Question: Example question?

option 1

option 2

option 3

(this represents the screen that has "/quiz" as the end point)

End of Quiz:

Points: X

play again

review wrong quations

(this represents the screen that has "/review" as the end point)

Wrong ones:

question x

question y

question z

Tasks:

- Define the data schema for the quiz questions and user responses in MySQL.
- Build a Flask API that serves quiz questions and tracks user responses and points.
- Build a React frontend that calls the API to retrieve and display quiz questions.
- Implement a point system that keeps track of the user's correct answers.
- Add a feature to display the questions that the user got wrong.
- Implement a system to store user data in the MySQL database.
- Deploy the Flask API and React frontend to a hosting service.
- Test the web app and fix any bugs or errors.

Nice-to-have

- Login/authentication
- Add security features to protect user data.*
- Leaderboard

Item 3