

# Project Documentation

## Project Title

Online-Quiz-Platform

## Project Overview

This is an online platform for hosting quizzes, tests, and assessments. The platform will provide a user-friendly interface for quiz questions, answers, and user submissions. It will also include features for quiz management, scoring, and result tracking. The implementation will involve building a front-end using HTML, CSS, and JavaScript, and using a backend framework like Express.js or Flask to handle the server-side functionality.

## Project Team

- Kavın Manoharan
- Aman Kumar

## Project Technologies

- MongoDB
- Express JS
- Node JS
- ReactJS

## Project Setup

*Do the following steps:*

- **STEP 1:** Clone or download the project.
- **STEP 2:** Go inside the backend folder and make a .env file.
- **STEP 3:** Paste the following inside the .env file:

```
MONGO_URI = "mongodb+srv://techplement:
techplement@cluster0.fymoz6o.mongodb.net/?
retryWrites=true&w=majority&appName=Cluster0"

PORT = 5000
JWT_SECRET = "techplement"
```
- **STEP 4:** Now run the backend part "npm install" followed by "npm start".
- **STEP 5:** Now go inside the frontend folder and run "npm install" followed by "npm start".

You are ready to go!

## Project Resources/ Reference

- Resources
  - <https://redux.js.org/api/api-reference>
  - <https://ant.design/components/overview>
  - <https://github.com/facebook/create-react-app>
  - <https://github.com/dcodeIO/bcrypt.js>
  - <https://www.npmjs.com/package/jsonwebtoken>
- References
  - <https://github.com/LinkedInLearning/mern-essential-training-3806111>
  - <https://github.com/wingkwong/react-quiz-form>
  - <https://github.com/Maikelek/QuizApp>

## Project Risks

- Make sure to create the .env file carefully using the given instructions. In case the .env file is not built correctly, the interface will not allow the login of any user.
- This project uses MongoDB shared (free-tier) database.
- Subject to the bcryptjs security concerns: [bcrypt.js GitHub repository](#)

Thank you!