Project Github link - https://github.com/rajpranay06/quiz-app.git

- Frontend files are present in backend/base/templates

Features Implemented

1. User Authentication & Tokenization

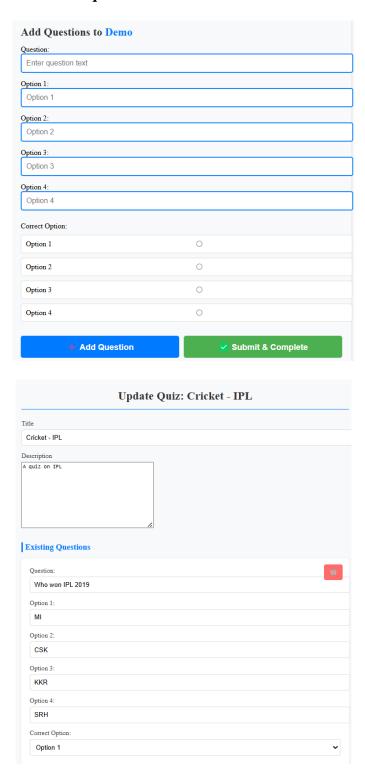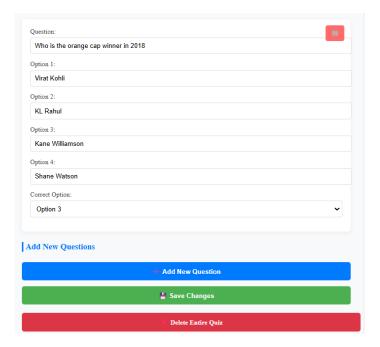- Users can **register**, **log in**, and **log out** securely.

Welcome Back

Username

Password

Sign In

Don't have an account? **Sign up**

Create Your Account

Username:

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Email:

Password:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation:

Enter the same password as before, for verification.

Sign Up

Already have an account? **Sign in**
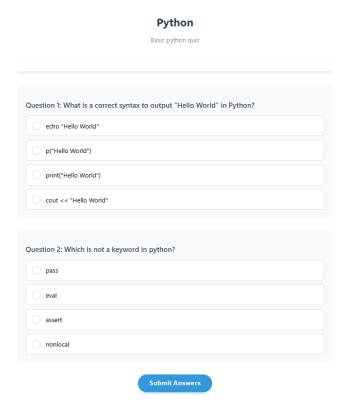
2. Quiz Management

- Users can **create quizzes** with multiple questions.
- Each question contains **four options**, and one must be correct.
- **Quiz creator can update quizzes**, including modifying or deleting questions.
- **Option to delete entire quizzes**.

Add Questions to Demo

Question:

[Enter question text]

Option 1:

[Option 1]

Option 2:

[Option 2]

Option 3:

[Option 3]

Option 4:

[Option 4]

Correct Option:

Option 1	○
Option 2	○
Option 3	○
Option 4	○

[+ Add Question] [✓ Submit & Complete]

Update Quiz: Cricket - IPL

Title

[Cricket - IPL]

Description

[A quiz on IPL]

Existing Questions

Question:

[Who won IPL 2019]

Option 1:

[MI]

Option 2:

[CSK]

Option 3:

[KKR]

Option 4:

[SRH]

Correct Option:

[Option 1 ▾]

3. Joining & Playing Quizzes

- List of existing quizzes will be displayed and users can **join existing quizzes**.
- A user **cannot retake a quiz** they have already completed.
- Questions are displayed dynamically during the quiz session.

Python

Basic python quiz

Question 1: What is a correct syntax to output "Hello World" in Python?

○ echo "Hello World"

○ p("Hello World")

○ print("Hello World")

○ cout << "Hello World"

Question 2: Which is not a keyword in python?

○ pass

○ eval

○ assert

○ nonlocal

Submit Answers

2/2

2 / 2

🎉 Perfect score! You're a genius! 🏆

Back to Home   Try Again

Steps to run the application:

Go to backend folder -> cd backend

Dependencies to install

- pip install drf-yasg
- pip install django-crispy-forms
- pip install django-centrib

Migrating changes to DB

➔ python manage.py makemigrations
➔ python manage.py migrate

Command to run the program

➔ python manage.py runserver