

## **Quiz Application using Django**

**Project Name:** Smart Quiz System

### **Project Description:**

This is a simple Quiz App project made using Python and Django. This application allows students to choose from four subject:

- C
- Python
- JavaScript
- Java

In this app, when a student selects a subject, they will see 30 multiple choice questions (MCQs).

Each quiz has a 20-minute timer.

- If the student finishes before the time, they can click Test Completed.
- If the time ends, the quiz will be submitted automatically and show “Time’s up.”
- After the quiz ends, the student will see their score and also which answers were correct or wrong.
- Wrong answers will show a cross, and correct answers will show a tick.
- The student can choose to go to the next subject or end the quiz.
- If possible I will also try to make the PDF report of the result downloadable

### **Teacher (Admin) Side:**

The teacher will log in as Admin in Django. The teacher can:

- Add subjects.
- Add questions with 4 options and the correct answer.
- See which students have joined and attempted the quiz.

- See the students' results.

The technologies that I have used are:

- **Backend:** Python, Django
- **Frontend:** HTML, CSS, JavaScript (for timer)
- **Database:** SQLite (default Django database)
- If possible the reports will be generated and downloaded as PDF with free libraries