Final Year Project : EduAssess360

Project Name : EduAssess360

Introduction

Usually the way we attend in exams is, we come to the exam, get the result ok, but we don't know exactly what topics we are weak in and what topics we focus on and by reading what notes we can do better in that subject. Again we can not find the proper syllabus, suggestion, guides also. We lost many of times to find the syllabus, suggestions and guides.

Our app overcome this shortcoming. An app, where students can attend in exam. But before the exam user will get the syllabus, suggestions and notes also. So user don't have to find this and can save times. After the exam the AI of the app make the result for that exam and give suggestions for wrong answers. Like, if a examinee give some wrong answer, the AI will analysis the answer, show him in which topics he is weak, make some suggestion for him that how can he improve on that topics, guide him.

Students can attend in many category wise exam, like SSC level, HSC level, Under graduate level, and many other also.

In other hand, the question will be given by the question setter from the setter panel and the admin panel approve the question from the admin panel.

Features

1. **MCQ exam :** The app has MCQ exam system with syllabus, notes.
2. **Written exam :** Students can also attend in written exam. The examiner will be the AI.
3. **Category wise exam system :** App has many category wise exam system. Like SSC level, HSC level, Under graduate level and many other also.

4. **AI :** The artificial intelligence will generate some notes depend on student's result, weakness.

5. **Notes, Guides, Syllabus :** Before exam, App will provide syllabus, notes and guides also.

6. **Reward system :** User will get reward if he will better in exam. After accumulating certain amount of reward user can convert it to point.

7. **Point and Payment :** App has subscription system. User can attend in paid exam system, paid notes and so on. User has to buy point from the admin, and by point he can unlock many paid features.

8. **Level upgradation :** App will has many levels in each category to motivate the user.

9. **Teacher Panel :** From teacher panel a teacher can set a question, and this question will get rating and feedback from the user to improve the question quality.

10. **Admin Panel :** Admin will control the question permission system, point distributing system.

Project Implementation

The app will released based on Android and IOS based operating system. The admin and question setter panel will be released based on windows operating system. So we will use cross platform to build the app. In present, flutter is a very popular cross-platform framework.

We will use MVVM architecture design in our project.

Front-end : Flutter (Dart Language)

Back-end : Django

Database : MySQL