



STUDENT PEDIA

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OBJECTIVE

The main objective of the application is to bring together all users on a single platform to manage educational content and interactions, give students quick access to resources in different formats, streamline the enrollment and management process for teachers, and integrate multimedia to support a range of learning styles. Furthermore, the application seeks to create an intuitive user experience that will guarantee smooth navigation for both teachers and students.

ABSTRACT

The goal of the StudentPedia app is to improve education by giving instructors, administrators, and students access to a comprehensive platform. By emphasizing readily available notes, question banks, and practice problems, as well as integrating contemporary educational resources like faculty lectures on YouTube, it seeks to optimize the procedures involved in managing instructional content and student interactions.

EXISTING SYSTEM

Students are having trouble accessing the content during supply exams, making it more difficult to refer to the unit-wise important questions of different subjects. Even if a teacher posts materials through whatsapp, students might miss those contents because of bulk messages. The major disadvantage would be for the students who are passedouts with 1 or 2 backlogs. It is difficult for them to neither

approach a teacher nor coming to a college.

PROPOSED SYSTEM

To address these challenges faced in existing system, we are creating an android application where the student can access various contents seamlessly such as reference notes, question banks, multimedia resources all within a single application. Application is divided into 3 modules.

1)Admin Module: Designed for managing the user interface along with adding and removing the students and teachers.

2) Teacher Module: Uploads the materials, question banks, important questions, practice problems in various formats. Youtube videos of the faculties are also available in this application.

3)Student Module: Student can access this platform in an ease way as it is user friendly.

This application not only also helps the students in accessing the subjects information but also can be able to access previous question papers of the software companies which helps the students to prepare for their placement opportunities.

TECHNOLOGIES USED

Software Requirements:

Android Studio, React Native

Flutter, Kotlin, Firebase, GITHUB

Hardware Requirements:

- I5 12th gen processor
- 16gb RAM
- 512gb SSD

FOR DEPARTMENT USE ONLY

Name of the Guide: Mrs.B.Manjulatha

Date of verification:

(To be filled by project guide)

Guide Signature with Date:

Date of submission:

(To be filled by project co-ordinator)