

Learning Management



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Submitted to:

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Objective: The objective of developing Learning Management App is to give a single platform to manage the learning process.

Functional Requirements:

- Registration (As teacher/ student)
- Login
- Reset password
- Logout

User:

- Teacher
- Student

For Teachers:

- **Can upload assignments:** Teachers can upload the assignment and the deadline to submit the assignment.
- **Can upload notes:** Can upload the notes which will be assessable by the students also can write comment or heading regarding the same.
- **Can upload attendance:** Teachers can upload the attendance (for now it is manual).
- **Can upload the schedule or also the link of the particular class:** Can upload schedule according to which the student will get the alert. Also, can give the link to the class there.
- **Can upload practice quiz:** Can upload quiz which students can give in their free time for practice.
- **Can take quiz:** Can take quiz and the marks will be automatic generated. The time for each question and overall test can be set. Pausing the app will notify the teacher about the same.

For Students:

- **Will get a notification before the class:** Will get notified 2 minutes before the class.
- **Self-study time monitoring:** Can monitor the self-study time. As they can leave a page open in the app, which we will consider that the student is studying currently. And can also have a detailed pattern of their study and can improve or maintain accordingly.
- **Assignment submission:** Can submit the assignment given by the teacher.
- **Can have personal notes:** Can put personal notes.
- **Can give practice quiz:** Can give practice test and have a personal record.
- **Can give quiz:** Will be able to give quiz.

Proposed system benefits:

- Proposed system is an android application
- Easy to use
- Students can view their attendance, marks, notes etc.
- Teachers can upload study material, attendance, marks etc.
- Time saving

Software Requirement:

- Android Studio
- Visual Studio Code IDE

Language Used:

- Dart
- Framework: Flutter

Conclusion:

This android app is a platform for both teachers and students where teacher can help students by uploading notes, attendance, marks, assignments and quiz. Student can learn from this platform by the teacher's notes, practice quiz, can view their attendance, marks.