

## Building IT systems

Brainstorm/finalization process on possible projects selection

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Major current study apps in the market

Compass	Compass Education primarily is a management system that is created in order to simplify the cohesive system for teachers and an information center for student assignments and homework. This mainly includes managing student information, roll marking, communicating with parents, room allocation for classrooms and overall allowing basic functionalities such as putting up homework/assignments online.	The main target audience for this application are Schools, specifically for students, teachers and parents. This app is targeted for them as it allows communications between teachers, students and parents; as they are able to view student grades and outcome, it will allow them to see how their kids are performing at school.	<ul style="list-style-type: none"><li>Marking attendance</li><li>Allocation of classrooms</li><li>Event notifications</li><li>Allocating homework/assignments</li><li>Student and Parent information</li><li>Grades and assessments</li><li>Semester Reports</li><li>Communication with parents and teachers</li></ul>
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Blackboard Learn	Blackboard learn is an online virtual learning platform and a learning management system. It is a web-based system that allows for the use of course management and customization, interactions with other students and lecturers/teachers, functionalities such as assignments and resources are on the platform as well.	Blackboard is mainly targeted toward universities, lecturers, admins and students due to its open infrastructure and its correlation to course management	<ul style="list-style-type: none"><li>Marking attendance</li><li>Access to collaboration ultra</li><li>(online interaction with students)</li><li>Streaming lecture recordings</li><li>Timetable</li></ul>
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The study app we could possibly develop

We can try and make this app unique by keeping it very simple and easy to use, we can have a home page that consist of 4 main features of the app and the rest on a drop down menu. By having 4 main features on the menu itself it will allow students to easily access whatever they need, unlike other apps where you may need to scroll through or go through many pages to find your destination page.

### Features

- Timetable of each students subject (similar to canvas)
- Contacting tutors and lecturers
- Handing in assignments (notification alerts on due assignments)
- Viewing your main courses -> select the course -> course information

We can add some other features later

- We can create a database for and have dummy data to test if it wo

We could develop this program on Android studio which seems to support java and C++