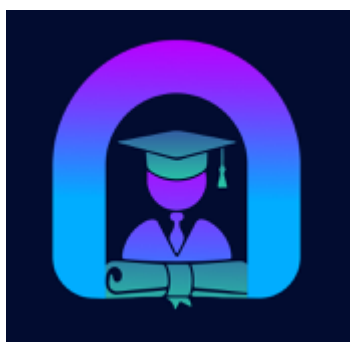# INTRO TO MOBILE APP DEVELOPMENT

Project Proposal: MyPocketUni

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MyPocketUNI is a mobile application that aims to centralize the information that a student needs. The students will have the most important information related to the semester they are currently enrolled just clicks away in their smartphones. The good thing about the app is that a student doesn't need to remember and visit every course website, because they're all listed inside the app. The main reason for the development of such an app is because students are less productive when the information is spread out on many websites. This app will make the students life easier and will allow them to engage in class discussions with other students.

In order for the students to use the app, they will need their credentials (ID/email and password) provided by the IT department of the university. The app is very easy to use, since its user interface is simple. Students can edit their name, surname and/or age. They can see their friends and the list of courses. The app is multi-functional and time saving, so the students can access the services in real time without the need to visit the different buildings. They can see information about different courses, add friends, view the data about a course, view course participants etc.

Main functionalities of the app:

1. See actual courses(courses that the student is currently enrolled)
2. See all courses(filter courses on different criteria)
3. See all students(filter students on different criteria)
4. Add students to Friends' List
5. Course information for all courses
6. Course information for current courses (more detailed)
7. Google Books API used to search for books based on different criteria
8. Grade analytics per subject for current courses

By using this app, the students will be able get the information they want in seconds, see what grades they need to take in midterm, project or final exams to reach a target grade for each subject they are currently enrolled, get information related to their courses, etc. An important feature will be the ability to search for needed books using the Google Books API. This will provide them with the necessary information related to books required by the course instructors.