PROJECT 39- STUDENT RESOURCES PORTAL

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ABSTRACT

In recent days, the use of mobile applications in higher education institutions is advocated for a finer student experience. There is no mobile application for AUB students. Instead, AUB has multiple online systems, like aubsis, moodle, office 365 and the AUB website. Therefore, it is valuable to implement a system that provides centralized access to all those tools and supports both android and IOS.

PROBLEM DEFINITION

Based on a number of interviews conducted with multiple AUB students we got a clearer picture on the student's university needs, it came across that most students needed different forms of assistance including finding on campus class locations, getting guidance and feedback from other students, a platform for news and events and workshop announcements filtered by a student's interest and being notified for important deadlines. From here emerged the need to develop a system that can benefit AUB students in multiple aspects of their university life. Our aim was to develop a user friendly AUB students' application that provides ease of accessibility and mentorship for both new and old students.

For students, by students

IOS AND ANDROID COMPATIBLE

Scan for a demo of our application

IMPLEMENTATION AND TESTING

We implement the app using react native, frontend, combined with flask and mysql database as the backend.
We applied unit testing on the application functions and tested the backend functions using postman API. In addition we ran the application on Android and IOS emulators to test all the features.

CONCLUSION AND FINAL FEATURES

We provide a fully functional mobile application that includes following features.

- A combined access to aub platforms like aubsis and aub moodle.
- A university Map
- View courses, clubs and places to study
- Access to a guide forum with post and features
- News and events page filtered by a users' interest
- An admin page to provide control over the app
- Calendar containing deadlines with a send notification alerts feature