



UBB Assignments

Project Idea



What is it?

The aim of this mobile app is to keep all students' assignments in one place. As long as students tend to stay a lot on their phones, a mobile app will be very convenient.

What audience does it target?

Both students and teachers. The app will have a login mechanism, so only teachers (considered **admins** from now on) will be able to add, update or delete an assignment. Obviously, the admins will be able to see the list of assignments and their details. The students (considered **users**) will be able to see ONLY the list of assignments, together with all necessary details.

What problem does it solve?

Students have to keep track of their assignments by their own. Sometimes, they might forgot to solve one assignment, getting penalized. Moreover, supposing the student know what he/ she must do, but don't exactly remember the deadline. Instead of searching for deadline on multiple websites, you have all in one.

Online vs Offline

Whenever the users are not connected to the internet, they should be able to see a copy of the information that he/ she accessed last time when he/ she was online. Modification made by the admins in the meantime will not be showed to him/ her since his/ her list of assignment didn't update.

Online vs Offline

Also, we would like to have a server which can communicate with users and admins while they are online (they have access to the internet). So, from the application admin can make the requests for changes. Then, our list with assignments for all the users will be updated.

Online vs Offline

For admins, none of their offline changes would be added, excepting the add operation which will save the given details and add it once online again. The rest of the changes will not be available.

Further developments

When the login mechanism will be implemented, the things change a little bit. A teacher will be able to add an assignment only for his/ hers courses (together with updating or deleting them). Also, when a student is logged, he/ she must be able to see only his/ her assignments.

A notification system can be implemented as well: student chooses a number of X days before deadline, and in day X before deadline a notification is sent on his/ her mobile phone. We all know how awful is to forget about an assignment and get penalized :)