Requirements

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The application aims to be an assistant to the students of FII. It will achieve that purpose by exposing different modules with varied functionality. The required features of the project will be provided by modules.

Required modules

Aside from the main server that will coordinate all the requests and the communication there will be the modules (represented by the the micro-services). The modules will provide the functionality of the application.

1. **Authentication Module**: the user will be able to authenticate with his email/password combination and receive access to other modules and functionalities
2. **Timetable Module**: the user will be able to retrieve the FII timetable
3. **Courses Module**: the user is able to enroll in a course or retrieve the user's courses list

Required functionality

The web application consumes the API exposed by our micro-service architecture and it combines the data received from the server. The functionalities required from the combination of modules are:

1. **Customized Timetable**: the data from the Timetable module is combined with the data from the Courses module. The result will be a customized timetable with a timetable containing only the user's courses.