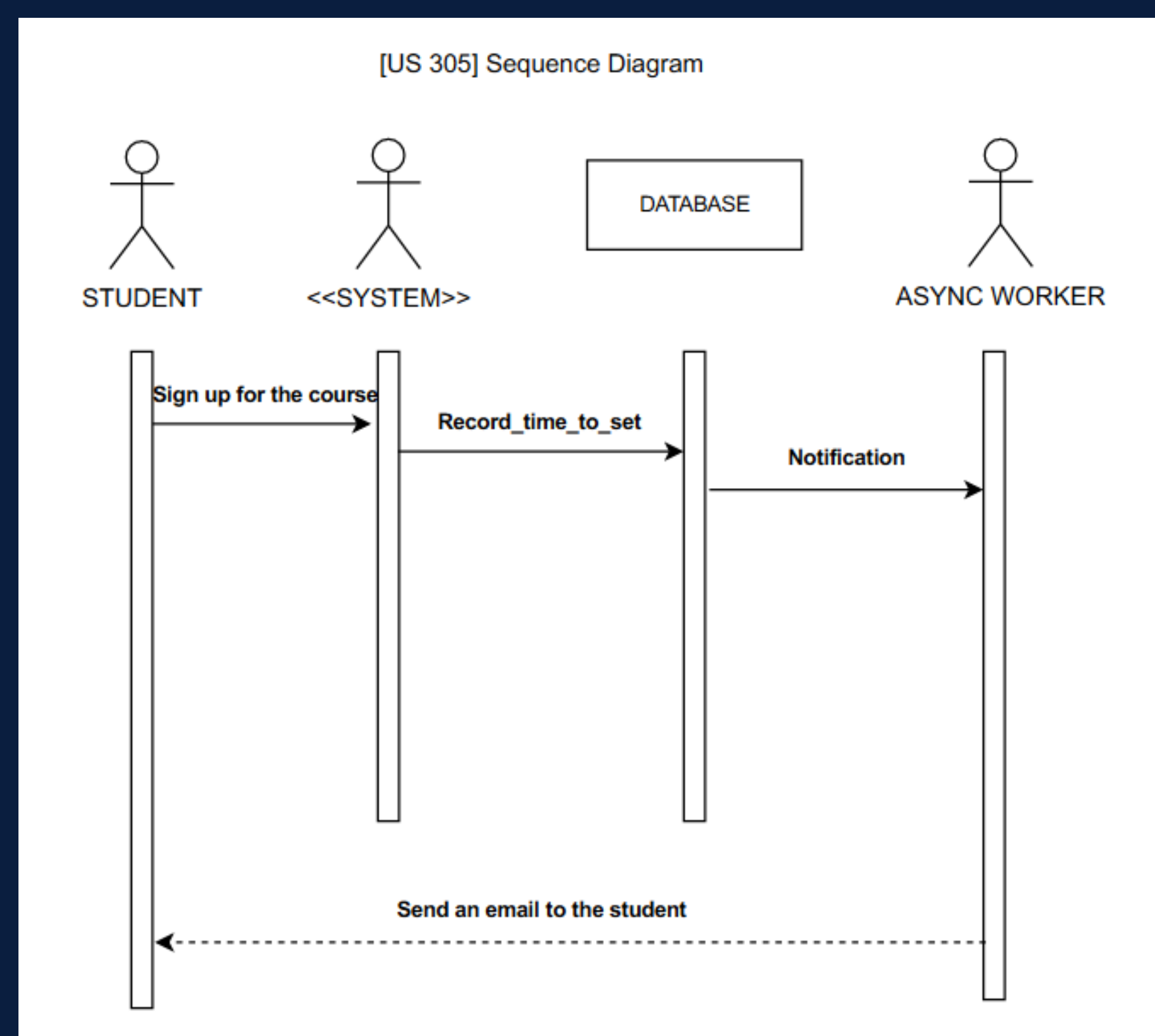


PROBLEM

The problem presented to our team was to design a web application that improves the learning of students by giving them a question a day. Each professor will have a course in which many students can be registered to. The students will decide at which time daily, a reminder will be emailed to them to complete their daily questions. Feedback on the question answered will be provided instantly to aid in learning. A clean user interface must be created for ease of use for both students and professor views.

SYSTEM DESIGN

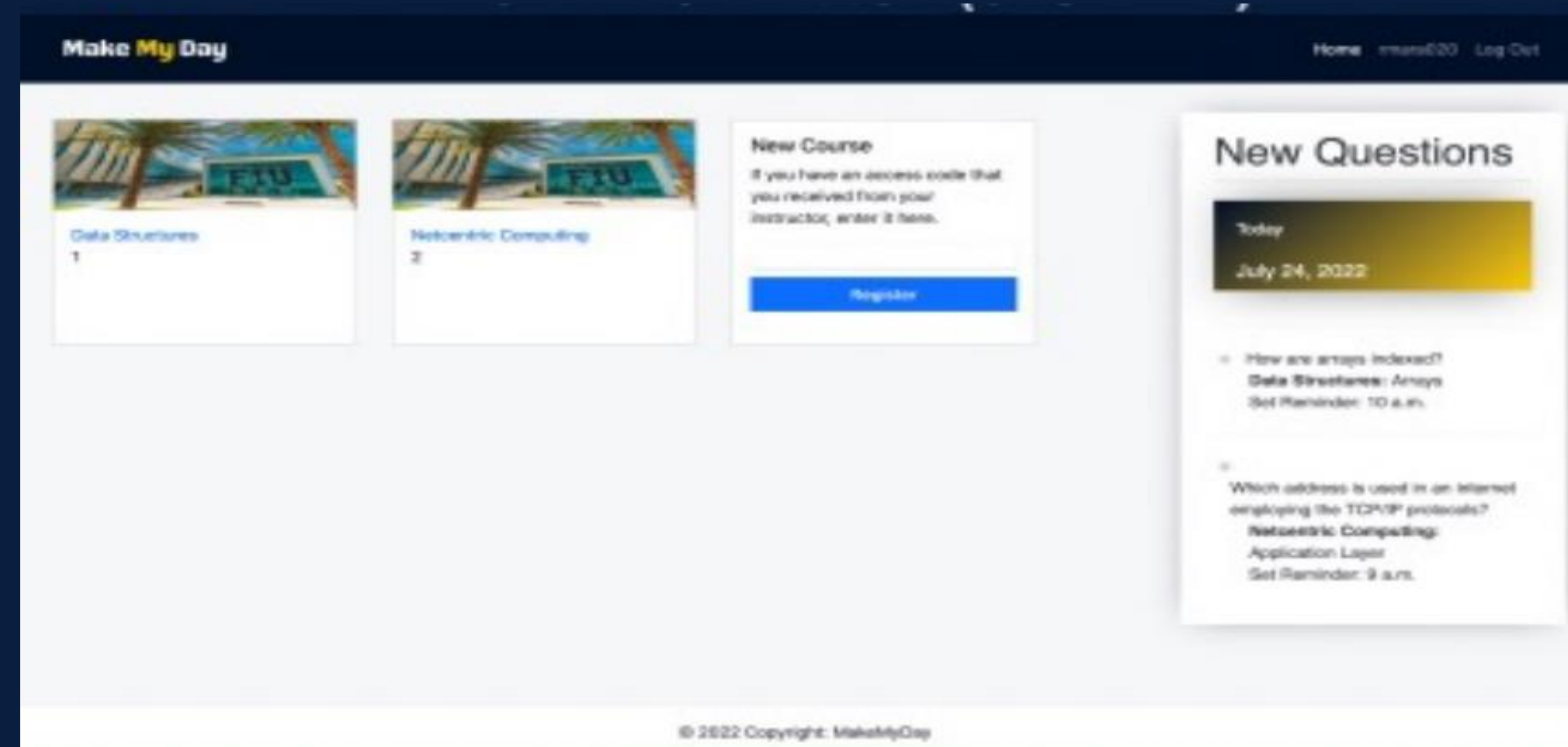


TECHNOLOGIES

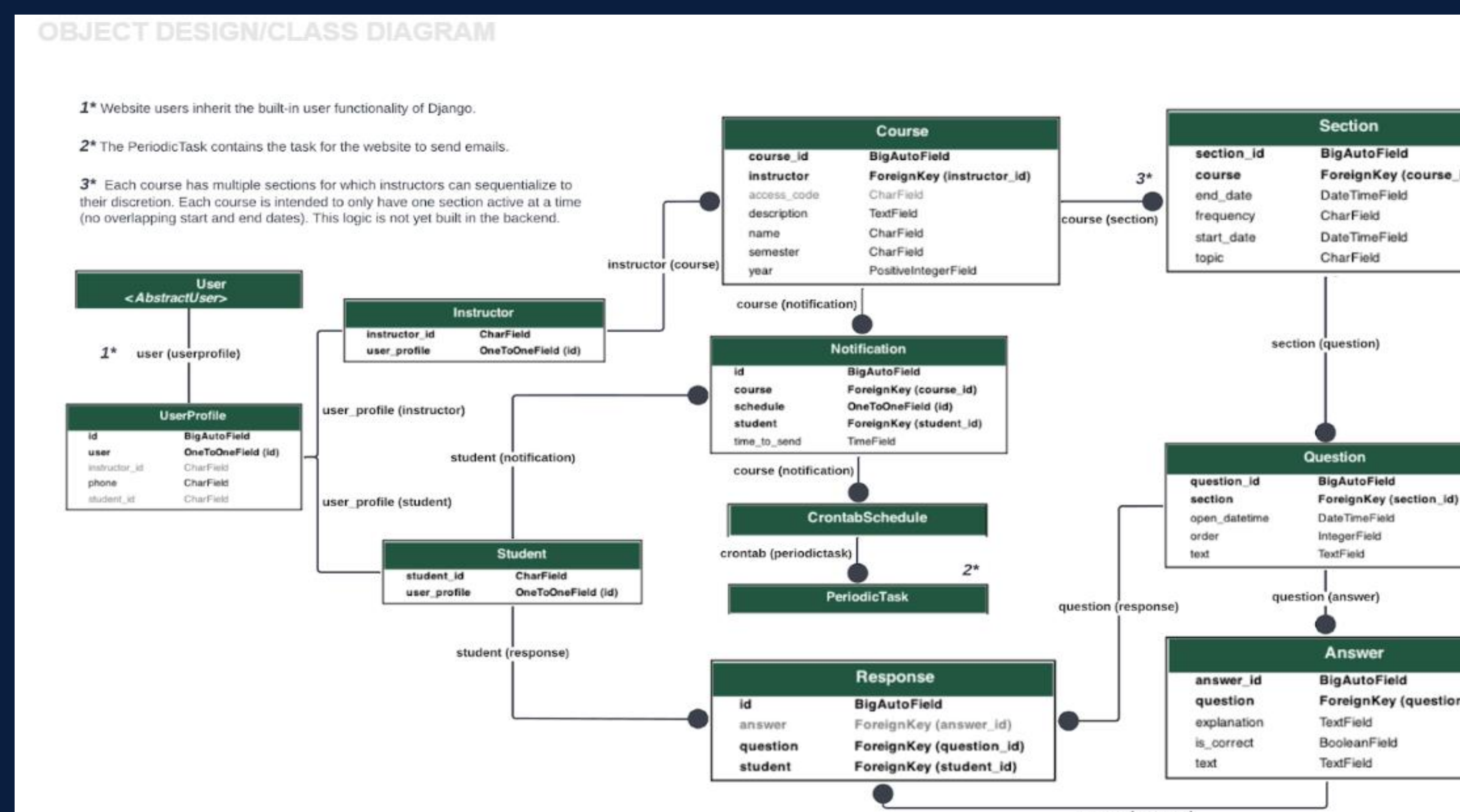


IMPLEMENTATION

Current state of home page when logged in



OBJECT DESIGN



SUMMARY

At the end of this course, we had fulfilled most the requirements provided by our product owner Giri. We have an application that is ready to be deployed and supports the functionality to enroll students to a course, schedule daily reminders using emails, ability to answer the daily questions, record the responses, etc. Due to lack of time, features such as the statistics page was not fully developed but, its current architecture allows future teams to implement this feature with ease. All in all, the project was successfully implemented and has a clean UI along with the features.

PERSONAL CONTRIBUTIONS

All of my contributions were concentrated around the front-end of our project:

- Homepage design when user is logged out on the front-end using HTML/CSS.
- Exposed logout functionality to the navigation bar using HTML.
- Designed question banks page (deprecated) on the front-end.
- Designed front-end quiz and quiz results page using HTML/CSS.

CURRENT SYSTEM

Students:

- Students can sign up for their instructor's course using a provided access code.
- Upon signing up, they are prompted to enter a specific time to receive email notifications daily if any questions open.
- On the home page, the student can then pick on the questions for the day.
- To look at past questions, students can check them on the specific course pages displayed on their homepage.

Instructors:

- Create courses.
- To separate topics within a course, they can create sections that can appear within specific times and house questions.

ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by FIU. We thank Giri Narasimhan for his assistance and mentorship that we received throughout the senior design project.