SOEN341
Rodrigo Morales
Fall 2024
Sprint 1

Member contribution

Antonino Guarraci - 40264079

User story 3 contributions

- Created multiple flask routes for teachers to make teams - **4 hours**
    - Query the live SQL server for user-entered information
    - One route uses a CSV upload with a specific format, the other uses manual entry through a form displayed on the front end.
    - Validate the information presented by the teacher
    - Send back a successful or failed response, depending on the information entered and the desired information, to the DB.

- Created flask routes for displaying all members of a student group - **2 hours**
    - Query the live SQL server for the student's ID based on their session ID.
    - Find the group IDs associated with said student
    - Iteratively add teammates to the list
    - Return the list.

User story 2 contributions

- Added sessions to the login feature and logout route- **1 hour**
    - Implement proper imports
    - Store the IDs as a session variable upon successful login
    - Logout route that pops session ID

Justin Lombardi - 40263452

- Created endpoints for student and teacher login (3 hours)
    - Queried SQL server for user entered information
    - Validated information
    - Send back success or failure response depending on entered information

- Created endpoints for student and teacher sign up (2 hours)
    - Queried SQL server to write user entered information to the teachers/student table
    - Send back success or failure response depending on entered information

- Created endpoint for Displaying students in a course (2 hours)
    - Query SQL server for all students enrolled in a course
    - Iteratively add students to a list based on their groupID to assign students to certain groups
    - Return a nested list.
        - Students in a list are all part of the same group the returned list is of all the groups within the course

Pascal Ypperciel - 40210921

- I've been managing the repo
    - I've been creating the different Issues, checking PRs, setting up rules and permissions, etc. I've probably spent a combined **5 hours** on this throughout the sprint.
    - Since I am a bit more experienced than my peers, I've also spent about **4 hours** in total helping everyone set up their programming environments on machines and explaining different concepts.
- Worked on User Story 1, which was to do the initial setup
    - Wrote the SQL query to create all the Tables we will need. Once I decided how the tables were gonna be, I made a Wiki page for it. This took me a bit less than **1 hour**.[ISSUE LINK]
    - Created the backend and frontend project. The backend is in Flask and I added a basic GET request so that people could test their setups. The frontend is in React. I wrote the Wiki page to help my teammates do their setups. This took me about **1 hour**. [ISSUE LINK]
    - I am hosting our SQL server and database on my Microsoft Azure Cloud Computing Account. Doing the whole setup, adding the necessary info to the setup Wiki page, and modifying the code I made to be able to connect to it took me about **3 hours**. [ISSUE LINK]
    - I also worked on a quick bug because I forgot to add a Username column to the Teachers table. Took me **20 minutes** to fix. [ISSUE LINK]

Jessica Codreanu 40262017

Worked on the frontend User Story 2:

1. **Login Page Implementation (Professor and Student) – 3.5 hours**
    - I've designed and developed the user interface for the login page, which contains separate login forms for professors and students.
    - I've added form validation to ensure correct data entry
    - I've added visible feedback when incorrect information is submitted.
2. **Sign-up Page Implementation (Professor and Student) – 3.5 hours**
    - I've developed the UI for the sign-up process, which accommodates both professors and students in different form flows.
    - I've handled different user data requirements, such as including fields for usernames and passwords for professors, as well unique student ID for students.
3. **Connecting Frontend with Backend – 2 hours**

    - I was in charge of developing the API calls in asynchronous JavaScript, mostly using Axios and fetch for user authentication and registration.
4. **Screen Size Responsiveness and Display Fixes – 2 hours**
    - I've addressed display difficulties for various screen sizes, such as mobile devices and tablets, ensuring that items don't overflow or disrupt the layout.

Parsa Darbani 40265199

Worked on the frontend User Story 7

Teams Page Creation - (3.5h)

- Designed and implemented the teams page, where both students and instructors can view the list of teams.
- Each team displays relevant details, such as the team name, course, and team members.
- Ensured students can only view the teams, while instructors have extended options to manage and edit the teams.

Team Creation by Instructors:

- **Added an "Add" button for instructors to create new teams. Instructors have two options: (2h)**
    - Manual Creation: A form allows instructors to manually input the team name, course, and assign students to the team using text fields.
    - CSV Import: Implemented a feature where instructors can upload a `.csv` file containing student rosters. The system processes the file and automatically assigns students to teams.

Team Editing by Instructors: (2h)

- Integrated an "Edit" button next to each team, available only for instructors. This allows instructors to:
    - Add or remove students from a team.
    - Change the course a team belongs to.
    - Rename the team.
- Ensured that these changes reflect immediately in the system for both students and instructors.

Team Visibility: (1.5h)

- Both students and instructors can see the teams, but instructors have additional permissions to modify team information.
- Verified that students can only view the teams and have no ability to alter team compositions or details.

Massimo Caruso 40263285

Worked on functionality and responsiveness of the website on the frontend:

Created an interactive sidebar to implement throughout the website (3.5 hours):

Added elements to redirect the user to pages that will be added as the project develops

Added a responsive sidebar that opens and closes once clicked on

Added icons to make the UI easier to navigate through for the user

Worked on an interactive and responsive header for the frontend of the website (3.5 hours):

Added elements to redirect the user to pages that will be added as the project develops

Added a responsive header that will be added to a landing page that will be made for a better UI in the future sprints

Worked on the README.md along with some of my peers (30 minutes):

Brief explanation of the project

Brief explanation of the contributors and their experience