



SPRINT 1 PLANNING FLOW

Decisions for Sprint-1 Planning:

1. We have decided to create a Product Backlog and Sprint Backlog in **Trello**.
2. Decided to maintain **Toggl** for keeping track of sprint in more detail.
3. Decided a time for the SCRUM meeting at **10 pm** every day.
4. Scrum master TM.
5. Scrum Team members SH,UJ,TS,RAI,AN
6. The git commit message format will be << **Action** >> by << **name** >>
7. Decided to create branch for every member in the format
classRoutine memberName.

Sprint 1 Backlog and General Actions:

1. View Personalized Dashboard

- **Task:** Display personalized dashboard for each role (teacher, student, staff, superuser), Ensure they were logged in/ registered before, conduct unit testing, follow coding standards and add documentation.
 - **Assigned to:** Jannati Tajrimin Mitu (TM)
 - **Deadline:** Nov 2, 2024
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2. Upload File

- **Task:** store various information of departments, students, teachers, faculties , rooms, course , staff etc , file types: choose accepted formats (e.g., .pdf, .csv,.xml), add a user-friendly upload button, configure server for secure storage, ensure correct format, size, and handle errors, set permissions for file security, conduct unit testing, follow coding standards and add documentation.
 - **Assigned to:** Sadia Hossain (SH)
 - **Deadline:** Nov 02, 2024
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3. Assign Course Teacher

- **Task:** Implement functionality for the Super User to assign one or more teachers to each course for an exam year by uploading a CSV file. Ensure that the prerequisites for course uploads are met, and provide error handling for incorrect formats and upload failures.
- **Assigned to:** Rubayed All Islam (RAI)
- **Deadline:** Nov 02, 2024

4. Generate Class Routine

- **Task:** Design a **frontend interface** to input start/end time, slot duration, and lunch break & other necessary inputs, **implement routine generation** logic based on inputs and constraints (**room availability, teachers' preferences etc.**), ensure smooth interaction between frontend and backend (**API for data fetching and processing**), conduct **unit testing**, follow **coding standards**, and add **documentation**.
 - **Assigned to:** Akila Nipo (AN)
 - **Deadline:** Nov 02, 2024
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5. View Class Routine

- **Task:** Ensure there's a search bar prominently displayed on the platform's interface for viewing class routines, implement filtering options to refine search results based on criteria such as routine type, ensure keyword-based search functionality, conduct unit testing, follow coding standards, and add documentation.
- **Assigned to:** Trisha Sarkar (TS)
- **Deadline:** Nov 02, 2024

6. View Class Representative Information

- **Task:** Add a search bar in the platform's interface specifically for viewing Class Representative (CR) information. Implement filtering options to refine search results based on criteria such as department, semester, and representative's name. Ensure keyword-based search functionality that allows for quick and relevant results. Conduct unit testing to validate the accuracy of displayed information and search functionality. Follow coding standards and best practices throughout development. Include thorough documentation for functionality, code, and usage instructions for easy reference.
 - **Assigned to:** Umma Sumaiya Jahan(UJ)
 - **Deadline:** Nov 02, 2024
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Definition of Done (DoD) :

- Followed coding standards and guidelines.
- Unit tests are implemented and passed successfully.
- Code is reviewed by team members.
- Code is pushed into respective branches on GitHub.
- Functionality is demonstrated and meets acceptance criteria.

Sprint Review/Restrospective :

The retrospective meeting is scheduled for November 2nd to review the sprint's performance, including successes, areas for improvement, and potential adjustments for the upcoming sprint, in collaboration with the supervisor.

We will ensure regular communication among team members through daily scrum meetings and discussions on Discord. This ensures seamless progress and fosters collaboration throughout the sprint duration

