Group2 Sprint Backlog

[Apr1 - Apr 15]

Application Discussion: [Application Report]

- **As a:** [developer]
- **I want to:** [create a report for this application]
- **So that I can:** [present the application to stakeholders in a clear and concise manner]

Priority: [High]
Estimated Points: [30]
Acceptance Criteria:

- [The report provides a clear and concise overview of the application.]
- [The report accurately describes the application's architecture, design, and machine learning components.]
- [The report includes relevant testing results and metrics.]
- [The report is well-organized, easy to read, and free of grammatical errors.]
- [The report is concise and within the recommended length.]

SubTasks:

- **Task 1:**
  - Estimated Points: [5]
  - Assigned To: [Anju]
  - Description: [Project Overview Part]
  - Finish Time: []
- **Task 2:**
  - Estimated Points: [5]
  - Assigned To: [Anju]
  - Description: [Architecture Part]
  - Finish Time: []
- **Task 3:**

- Estimated Points: [5]
  - Assigned To: [Anju]
  - Description: [Design Part]
  - Finish Time: []
- **Task 4:**
  - Estimated Points: [5]
  - Assigned To: [Sabrina]
  - Description: [Machine Learning Part]
  - Finish Time: []
- **Task 5:**
  - Estimated Points: [5]
  - Assigned To: [Sabrina]
  - Description: [Testing Part]
  - Finish Time: []
- **Task 6:**
  - Estimated Points: [5]
  - Assigned To: [Sabrina]
  - Description: [Conclusion Part]
  - Finish Time: []

User Story: [About and Contact Page]

- **As a:** [User]
- **I want to:** [see about ant contact pages]
- **So that I can:** [get more information and contact the team]

Priority: [High]
Estimated Points: [16]
Acceptance Criteria:

- [The About page provides a clear and concise description of the application's purpose, features, and team.]
- [The About page includes relevant images, logos, and branding.]
- [The Contact page allows users to submit their name, email, and message.]
- [The Contact page includes a valid email address or contact form that sends messages to the team.]
- [The About and Contact pages are easily accessible from the main navigation menu.]

- [The pages are responsive, mobile-friendly, and follow the application's design guidelines.]

SubTasks:

- **Task 1:**
  - Estimated Points: [8]
  - Assigned To: [Anju]
  - Description: [implement the contact page]
  - Finish Time: []
- **Task 2:**
  - Estimated Points: [8]
  - Assigned To: [Sabrina]
  - Description: [implement the about page]
  - Finish Time: []

User Story: [Responsive Website]

- **As a:** [User]
- **I want to:** [see a responsive and clear web page suitable for all devices]
- **So that I can:** [interact with the web easily and enjoy the experience]

Priority: [High]
Estimated Points: [8]
Acceptance Criteria:

- [The web page has a clear and consistent layout.]
- [The font is readable and visually appealing.]
- [The page is optimized for various screen sizes and devices (e.g. desktop, tablet, mobile).]
- [The page loads quickly (e.g. within 3 seconds) and is responsive.]
- **Task 1:**
  - Estimated Points: [8]
  - Assigned To: [Ze Li]
  - Description: [make the website responsive]
  - Finish Time: []

Software Necessity: [Annotation For Each Function]

- **As a:** [developer]
- **I want to:** [have a clear and consistent annotations for each function in the program]
- **So that I can:** [understand the functionality of each function easily and maintain the program easily]

Priority: [Medium]
Estimated Points: [8]
Acceptance Criteria:

- [Each function has a clear and concise annotation that describes its purpose and behavior.]
- [Annotations are written in a consistent format throughout the program.]
- [Annotations include information about the function's parameters, return values, and any exceptions it may throw.]
- [Annotations are accurate and up-to-date, reflecting the current implementation of the function.]
- [Annotations are written in a way that is easy for other developers to understand.]
- [Annotations include any relevant details about the function's dependencies or interactions with other parts of the program.]
- [Annotations are properly formatted and follow the established coding standards.]
- **Task 1:**
    - Estimated Points: [8]
    - Assigned To: [Ze Li]
    - Description: [add annotations to each function]
    - Finish Time: []

Software Necessity: [ML model]

- **As a:** [Developer]
- **I want to:** [develop a ML model]
- **So that I can:** [predict occupancy based on collected data]

Priority: [High]
Estimated Points: [16]
Acceptance Criteria:

- [predictions are reliable and provide actionable information]
- [predictions are made with acceptable delay]

- **Task 1:**
  - Estimated Points: [8]
  - Assigned To: [Ze Li]
  - Description: [develop a ML model, train with collected data, and test the model]
  - Finish Time: []
- **Task 2:**
  - Estimated Points: [8]
  - Assigned To: [Ze Li]
  - Description: [integrated the model with the application]
  - Finish Time: []