

CSE 115A – Introduction to Software Engineering

Release Summary

Heading:

- **Document Name:** Release Summary
- **Product Name:** Polynomial
- **Team Name:** Polynomial team
- **Date:** May 31, 2024

Key User Stories and Acceptance Criteria

1. **User Story:** As a manager, I want to be able to create a project and select between multiple created projects, so I can manage multiple different projects without confusion.
 - **Acceptance Criteria:**
 - The system allows the creation of new projects.
 - The system displays a list of existing projects.
 - The user can select a project from the list to view its details.
2. **User Story:** As a manager, I want to be able to add or remove team members from a project through the UI or through Discord roles, so we can easily manage who is in the project.
 - **Acceptance Criteria:**
 - The system allows adding team members from a user list.
 - The system allows removing team members from a project.
 - Changes in team composition are reflected in real-time.
3. **User Story:** As a team member, I want a real-time overview of our project's status during group calls, so we can know how our project is progressing.
 - **Acceptance Criteria:**
 - The group call is successfully started within the Discord channel.
 - The dashboard displays real-time updates of tasks, showing current statuses, progress bars, assigned members, and deadlines.
 - Any updates made to tasks are immediately reflected on the dashboard during the group call.
 - Clicking on a task provides detailed information, and any changes to task status are updated in real-time.
4. **User Story:** As a team member, I want to access a card view of ordered tasks within our project on Discord, allowing me to quickly see task titles, assigned members, and deadlines in a single glance. This view should allow for dragging and dropping cards to update task statuses or priorities.
 - **Acceptance Criteria:**
 - The card view displays task titles, assigned members, and deadlines.
 - Tasks can be dragged and dropped to update their status.

- Tasks can be reordered by priority.
 - Changes are reflected in real-time.
- 5. **User Story:** As a team, we want to receive notifications when tasks are updated, started, or completed, so we can stay informed about project progress without constant manual checks.
 - **Acceptance Criteria:**
 - Notifications are sent when a task is updated, started, or completed.
 - Notifications include relevant information such as task title, new status, and assigned members.
 - Notifications are received in the designated Discord channel.
- 6. **User Story:** As a team member, I want to access a stacked list view of ordered tasks within our project on Discord, allowing me to quickly see task titles, assigned members, and deadlines in a single glance. This view should enable me to sort and filter tasks by different criteria (due date, status, etc.) and should order tasks with users not on call at the bottom.
 - **Acceptance Criteria:**
 - The stacked list view displays task titles, assigned members, and deadlines.
 - Tasks can be sorted by due date, status, etc.
 - Tasks with users not on the call are ordered at the bottom.
 - Changes to task order and status are reflected in real time.

Known Problems

List the major bugs, omissions, and design shortcuts. Reference your Test Report for detailed information.

- **Major Bugs:**
 - On task tables, avatars overlap each other and other content.

Product Backlog

Provide a list of high-priority user stories and bug fixes that can guide a follow-on project.

1. Gantt calendar view
2. Project milestone celebration
3. Notification for approaching deadlines
4. Permissions on who can access the project