

POLYNOMIAL

RELEASE PLAN

Polynomial is going to be an embedded app/website, specifically in the platform Discord.

The embedded web app is intended to integrate with Discord, emulating a task management system where jobs can be delegated and have the progress marked off. Team members will be able to access the tasks while in a group voice/video call in Discord.

Story points scale: 1 2 3 5 8 13, 21

User stories	Story Points
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.	3 points CORE FUNCTIONALITY - A not-too-complex system where a simple list is displayed and the user will pick then the correct project will be served)
As a manager, I want to be able to create tasks to assign to other team members, so we can quantify which tasks need to be completed.	8 Points A more complex system where we need a system to effectively get the user lists and then create a system to add and remove roles.
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.	2 Points Assuming we have a user list this is a simple system where we can remove data from a field.
As a team member, I want to view each member's skills and availability within our dashboard using discord roles, so we can more efficiently delegate tasks to the right people.	8 Points We need an auto role system where that will create and remove roles from the discord system based on assignment data
As a manager, I want to be able to see a shared and synchronized view of team members' skills, workloads, and availability to be able to delegate specific tasks to workers, so we can parallelize the work between programmers.	5 Points A less complex system only requiring the design of a user list view that shows roles
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.	13 points A complex system where we need take the data and aggravate it to fit in one designed dashboard

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 etc.) and should order tasks with users, not on call at the bottom. This will help me manage workloads and help visualize upcoming deadlines.	8 points A complex system that requires alot of design as well as alot of integration with other features
As a team member, I want to access a Gantt calendar view that displays the start and due dates of each task. This view would allow me to easily visualize the duration of each task, see how tasks overlap or relate to each other, and help me quickly see the overall project timeline.	21 Points Idk how to create something like BACKLOG - This very complex system requires a lot do design and functionality
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. This will help me manage workloads and visualize upcoming deadlines.	13 Points A more complex view that requires intractability, more advanced design, and more functionality.
As a manager, I want to use a shared analytics dashboard during calls to review tasks in different stages with the team, so that I can generate reports and make better decisions for the team.	13 points A complex system where we need to take the data and aggravate it to fit in one designed dashboard
As a team member, I want to update the status (to do, in progress, in review, done) of my tasks on a platform that's visible and synchronized to everyone during calls, ensuring the team is always up to date with my progress.	5 Points A less complex system that requires alot of time setting up infrastructure. We are using a library to handle the connection
As a manager, I want to be able to see what stage (to do, in progress, in review, done) workers are in for their tasks, so I can nudge them to do their tasks in a timely fashion.	13 Points A very complex system where a clean and Responsive UI needs to be designed as well as a system to keep track of status.
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.	3 Points (Simple messaging system with a slightly added complexity of integrating task status)
As a team member, I want to access a detailed view of each task, including its description, status, assigned members, deadlines, and any related comments or files.	13 Points BACKLOG - a complex system where opening animations needs to be made for opening cards as well as design the expanded layout as well as store more data for each card
As a team member, I want to celebrate project milestones automatically, so we can recognize achievements. A message congratulating the team should be sent to a Discord channel.	2 Points (Simple messaging system)

As a team member, I want to add another member to a task, which causes them to receive an automatic direct message, notifying them of the task assignment and inviting them to join the ongoing call (if they aren't in it already). This helps all team members stay up to date with the ongoing project direction and helps foster collaboration.	2 Points (Simple DMing system)
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What to implement (in order):

1. Create and select project
2. Show list of tasks
3. Create and edit tasks
4. Set task status and assignees

[SPRINTS

Sprint 1: Core Project Setup and Basic Task Management

Goal: Establish basic project and task management functionalities.

- As a manager, I want to be able to create a project and select between multiple created projects. (3 Points)
- As a manager, I want to be able to create and delete tasks (4 points)
- As a manager, I want to be able to assign tasks to other team members. (4 Points)

Sprint 2: Advanced Task Management and Real-time Data Integration

Goal: Enhance task management with advanced sorting and real-time project status updates.

- As a team member, I want a real-time overview of our project's status during group calls. (13 Points)
- As a manager, I want to use a shared analytics dashboard during calls to review tasks in different stages with the team. (13 Points)
- As a manager, I want to be able to add or remove team members from a project through the UI or through Discord roles. (2 Points)
- As a manager, I want to be able to see a shared and synchronized view of team members' skills, workloads, and availability. (5 Points)

Sprint 3: Interactive Task Management and Analytics Dashboard (+ required polishing)

Goal: Introduce interactive task management views and a comprehensive analytics dashboard.

- As a team member, I want to access a card view of ordered tasks within our project on Discord. (13 Points)
- As a team member, I want to update the status of my tasks on a platform that's visible and synchronized to everyone during calls. (5 Points)

Sprint 4: Notification System and Detailed Task Management (+ optional polishing)

Goal: Implement a notification system and detailed task views.

- As a team, we want to receive notifications when tasks are updated, started, or completed. (3 Points)
- As a team member, I want to celebrate project milestones automatically, so we can recognize achievements. (2 Points)
- As a team member, I want to add another member to a task, which causes them to receive an automatic direct message. (2 Points)

Backlog or Future Sprints

- As a team member, I want to access a Gantt calendar view that displays the start and due dates of each task. (21 Points)
- As a team member, I want to access a detailed view of each task, including its description, status, assigned members, deadlines, and any related comments or files. (13 Points)