

Sprint 1 Planning Document

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Sprint Overview:

During this sprint we plan to make the core features of Rome. To start we will be setting up the backend and creating the basic login/signup page to create users. From there we will make the calendar, to-do list, and team UIs. We will then integrate them all together so that the core features are reachable and usable on the webpage.

Scrum Master: William Quinn

Meeting Plan: Tues/Sun 8pm and Thurs 2:30pm

Risks and Challenges:

Most of our members are not very familiar with JavaScript. This being the case this first sprint in which we are setting up the most core components of our project will be very challenging. There are also the risks involved in downloading all of the dependencies for MERN stack and getting everything done for the initial set up. We also run the risk of losing some of our work as none of us have ever done a large scale project as a team before, so the utilization of git and merging of our work will be extremely challenging to become accustomed to.

Current Sprint Details

User Story #1

As a user, I would like to sign up, login, and logout

#	Description	Estimated Time	Member
1	Create UI panel for login page	7 hours	Will
2	Set up Backend architecture	11 hours	Shrey
3	Connect Frontend UI to backend	3 hours	Will
4	Create an algorithm to verify users	4 hours	Shrey
5	Unit Tests	3 hours	Shrey
6	Backend Integration	4 hours	Shrey

Acceptance Criteria

- The user should be able to login with their correct credentials by typing their username, password and pressing the “login” button.
- Attempting to login with incorrect credentials will result in an appropriate error message.

- The user should be able to create an account with a unique username and password such that no two users in the database can have the same username.

User Story #2

As a user, I would like to have a profile page that allows me to see my personal information, such as roles, and user information

#	Description	Estimated Time	Member
1	Create UI panel for profile page	4 hours	Chiho
2	Create functions to modify data	2 hours	Chiho
3	Debug and test the algorithm	2 hours	Chiho
4	Connect algorithms with UI	2 hours	Chiho

Acceptance Criteria

- Given that the user was able to login and enter their profile page, they should have an interface that includes their login information and other personal information
- Within their profile, a user should have the flexibility to change their password at will.
- As a user's personal information such as preferred name, pronouns, and emails may change, they should have the ability to edit this information within their profile.

User Story #3

As a user, I would like to have a calendar that displays my events as well as group events

#	Description	Estimated Time	Member
2	Create Calendar UI	6 hours	Will
3	Create ability to traverse weeks	3 hours	Will

Acceptance Criteria

- User should be able to view calendar with appropriate date and day of the week
- Events should be displayed for only the given time they are occurring
- Within the calendar, the user should be able to move between weeks such that they can see events that happened in the past or plan events that will happen in the future.

User Story #4

As a user, I would like to have a detailed and easy-to-use UI for creating a new calendar event

#	Description	Estimated Time	Member
1	Create UI pop up for adding event	4 hours	Will
2	Have created Event save to database	4 hours	Shrey
3	Have new event show up on calendar	4 hours	Will
4	Unit and integration tests	3 hours	Shrey

Acceptance Criteria

- A user interface for editing or adding an event should appear when attempting to add an event
- This event should be saved within the database and accessible by the server when the information is called upon later.
- The event should be visible within the calendar as soon as the event has been saved.

User Story #5

As a user, I would like to assign detail and labels to calendar events, such as labeling an event as personal or assigning it to a specific team so that a manager just sees it as personal time and can not see the details

#	Description	Estimated Time	Member
1	Create UI for event details to be added	3 hours	Chiho
2	Have details saved with event in backend	2 hours	Chiho

Acceptance Criteria

- The user should be able to make a selection that may and more optional details to the event
- The details should be visibly changed in the calendar UI
- These details should be present upon future logins and be permanently a part of that event's details unless the user makes changes in the future

User Story #6

As a user, I would like to have a personal to-do list

#	Description	Estimated Time	Member
1	Create To-Do list UI	5 hours	Erin Joy

Acceptance Criteria

- There should be a visible to-do list that is capable of storing tasks
- Tasks should be visible and formatted correctly on the to-do list
- User should be able to interact with individual tasks on to-do list

User Story #7

As a user, I would like to see a more detailed view of a task such as description, deadline, and users working on in order to create a task

#	Description	Estimated Time	Member
1	Create UI pop up to creating task and adding details	5 hours	Erin Joy
2	Have created task save in backend	5 hours	Erin Joy
3	Have created event display on to-do list	4 hours	Erin Joy
4	Debug and Test	2 hours	Erin joy

Acceptance Criteria

- When the user is utilizing their to-do list, they should have an additional interface in which they are able to add details to the task such as deadlines.
- The tasks that a user adds should be viewable on the to-do list as soon as they have made the change
- Even after the user logs out or changes devices after making a change to their task list, that edited or added task should still be viewable the next time they login.

User Story #8

As a user, I would like to update the status of a task

#	Description	Estimated Time	Member
1	Create an UI to change status of a task	1 hours	Chiho

2	Have status get saved to task in backend	2 hours	Chiho
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Acceptance Criteria

- A UI/button should be implemented to allow the user to change status
- Status should be visibly changed on the to-do list, or detailed task view
- For team tasks, updated status of the task should be viewable from the entire team and moved accordingly

User Story #9

As a user, I would like to have an appealing main page on which will include the features like calendar and to-do list.

#	Description	Estimated Time	Member
1	Create main page UI framework	2 hours	Chiho
2	Create heading menu	2 hour	Chiho
3	Create sidebar team menu	1 hour	Chiho
4	Integrate calendar, to-do list, and profile page into homepage	4 hours	Will

Acceptance Criteria

- User should be able to view a framework for main page that is clear and understandable
- User should be able to view and interact with calendar for weeks user choose, containing events within the larger home page
- User should be able to view and interact with to-do list within the larger home page

User Story #10

As a user, I would like to have a group to-do list or group board that is for tasks for all team members, that is separate from the personal to-do list

#	Description	Estimated Time	Member
1	Create team page framework	2 hours	Chiho
2	Add in Team specific UI	1 hour	Chiho
3	Add in to-do list board UI	2 hours	Chiho

Acceptance Criteria

- There should be a team mainpage that is viewable by all members of that team.
- The team page should consist of the group to-do list including all of the statuses to aid in organization
- There should be space allocated for team features such as member list and group chat

User Story #11

As a user, I would like to create a new team which I am the manager of

#	Description	Estimated Time	Member
1	Make Team Creation UI	2 hours	Erin Joy
2	Have new Team saved to backend	4 hours	Erin Joy
3	Have new team come up on homepage	1 hours	Erin Joy
4	Debug and Test	2 hours	Erin Joy

Acceptance Criteria

- After clicking new team button, there should be a pop up allowing for the user to add in team information to create a new team
- The new team that the user creates should be accessible by the user immediately after creation
- The new team should continue to be accessible to the user after new login

User Story #12

As a user, I would like to be able to switch between teams, some of which I am a team member of and others that I am a manager of

#	Description	Estimated Time	Member
1	Be able to reach the team page from homepage	1 hours	Chiho
2	Create algorithm to check if user is the manager of the team	2 hours	Chiho

Acceptance Criteria

- From the homepage, the user should be able to easily reach their team page.
- Clicking on a team icon will bring the user to the team page
- Users will have a visibly specified role that will correspond with permissions in a later sprint.

Remaining Backlog

Functional Requirements

To-Do List

- ~~1. As a user, I would like to have a personal to-do list~~
2. As a user, I would like for my to-do list and calendar contents to be saved for the next time I open the app, even on another device
- ~~3. As a user, I would like to have a group to-do list or group board that is for tasks for all team members, that is separate from the personal to-do list~~
- ~~4. As a user, I would like to see a more detailed view of a task such as description, deadline, and users working on~~
5. As a user, I would like to apply priority to tasks
6. As a user, I would like to view completed tasks for each to-do list
7. As a user, I would like to sort and filter tasks in a to-do list by team, type, the person working on
8. As a user, I would like to assign deadlines to tasks
- ~~9. As a user, I would like to update the status of a task~~

Calendar and Events

- ~~10. As a user, I would like to have a calendar that displays my events as well as group events~~
- ~~11. As a user, I would like to have a detailed and easy-to-use UI for creating a new calendar event~~
- ~~12. As a user, I would like to assign detail and labels to calendar events, such as labeling an event as personal or assigning it to a specific team so that a manager just sees it as personal time and can not see the details~~
13. As a user, I would like to view my calendar in different modes such as a 7-day week, 5-day week, or month
14. As a user, I would like to select which groups or personal calendars to focus on by choosing which ones to display

User Profile and Customization

- ~~15. As a user, I would like to have a profile page that allows me to see my personal information, such as roles, and user info~~
- ~~16. As a user, I would like to have an appealing main page on which will include the features like calendar and to-do list.~~
17. As a user, I would like to create a zoom link for an event by having a connection to zoom built into the event I am creating as an option
18. As a user, I would like to be able to personalize the colors
- ~~19. As a user, I would like to sign up, log in, and logout~~

20. As a user, I would like to change the size of sections so that they better fit my needs(like photoshop or IntelliJ) (IF TIME ALLOWS)
21. As a user, I would like to be able to personalize the amount of information shown for events and tasks with different views (ie clean compact view or detailed) (IF TIME ALLOWS)

Notifications

22. As a user, I would like to set reminders for tasks that send notifications
23. As a user, I would like to have a tab/section for a list of all notifications
24. As a user, I would like to have notification settings, allow notifications to pop up or make noise, and notifications can be sent via email
25. As a user, I would like to have access to a settings page where I can put in my personalization and notification preferences

Teams and Communication

- ~~26. As a user, I would like to create a new team which I am the manager of~~
27. As a user, I would like to accept invites to teams through notifications as well as send requests to join a team
- ~~28. As a user, I would like to be able to switch between teams, some of which I am a team member of and others that I am a manager of~~
29. As a user, I would like to participate in a group chat with the team
30. As a user, I would like to dm individual users
31. As a user, I would like to “poke” other team members to request a meeting with them
32. As a user, I would like to see a list of team members within a team
33. As a user, I would like to be able to see the job role of members of my team (IF TIME ALLOWS)
34. As a user I would like to share files (in a resource tab or in the chat) (IF TIME ALLOWS)

Manager Privileges

35. As a manager, I would like to have a separate UI framework specific to manager permission
36. As a manager, I would like to be able to see team-specific events on team member’s calendar
37. As a manager, I would like to add events to team members' calendars
38. As a manager, I would like to send invites to users to join a team, admit users requesting to join, and remove users from a team
39. As a manager, I would like to assign tasks to individual team members or the team as a whole

- 40. As a manager, I would like to see times that are blocked off as unavailable by team members so that I can better schedule a meeting (IF TIME ALLOWS)
- 41. As a manager, I would like to receive additional notifications about team members' tasks completed or status
- 42. As a manager, I would like to receive a notification when a team member leaves the team
- 43. As a manager, I would like to see the tasks and team events of a team member that leaves or is removed from a group on the group to-do list
- 44. As a manager, I would like to post polls and announcements
- 45. As a manager, I would like to create custom roles for team members that provide them with different permission of the team such as posting polls or announcements or having the ability to assign tasks (IF TIME ALLOWS)
- 46. As a manager, I would like to create different projects within teams that team members can view based on their role permissions (IF TIME ALLOWS)
- 47. As a user, I would like to be able to turn on a timer (IF TIME ALLOWS)