



## Sprint 2 Manual Testing Report

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### User Story #1

As a user, I would like to be able to create subtasks within a task.

#### Test cases:

- Description:** Verify that clicking the “Add Subtask” button on a task page displays a new input field, as required to initiate subtask creation.

**Input:** Navigate to a task modal and click the “+ Add Subtask” button.

**Observed output:** An empty input field appears above the button.

**Acceptable output:** ☒ yes      ☐ no
- Description:** Confirm that entering a subtask name and pressing “Confirm” successfully adds the subtask under the parent task with a default incomplete status.

**Input:** Type “subtask to complete” in the input field and press “Confirm”.

**Observed output:** A new subtask labeled “subtask to complete” appears under the Subtasks section of the task modal and in the Subtasks row of the task table after the modal is closed, with a default unchecked box.

**Acceptable output:** ☒ yes      ☐ no
- Description:** Validate that clicking the “Edit” button on an existing subtask allows the user to modify the subtask name through an inline input field.

**Input:** Click the “Edit” button next to a subtask labeled “subtask to complete”.

**Observed output:** The subtask name becomes an editable input field.

**Acceptable output:** ☒ yes      ☐ no
- Description:** Ensure that after modifying a subtask name and confirming the change, the updated name is reflected in the subtask list.

**Input:** Edit “subtask to complete” to “subtask 1” and click “Confirm”.

**Observed output:** The subtask name updates to “subtask 1” in both the task modal and the task table.

**Acceptable output:** ☒ yes      ☐ no
- Description:** Verify that clicking the “Delete” button on a subtask prompts a confirmation modal before final removal.

**Input:** Click “Delete” next to the subtask “subtask 1”.

**Observed output:** A modal appears asking for confirmation of deletion.

**Acceptable output:** ☒ yes      ☐ no
- Description:** Confirm that upon confirming deletion in the modal, the subtask is permanently removed from the parent task.

**Input:** Click “Confirm” in the deletion confirmation modal for “subtask 1”.

**Observed output:** The subtask “subtask 1” is no longer displayed.

**Acceptable output:** ☒ yes      ☐ no
- Description:** Test that clicking the checkbox next to a subtask marks it as complete with a visual indicator such as a checkmark and a strikethrough.

**Input:** Click the checkbox next to the subtask “subtask 2”.

**Observed output:** The subtask “subtask 2” is stricken through and the checkbox next to it is filled.

**Acceptable output:** ☒ yes      ☐ no

8. Description: Ensure that when all subtasks of a task are marked as complete, the parent task is automatically marked complete as well.  
Input: Mark all subtasks under the task “task 1” as complete.  
Observed output: The status of the task “task 1” is changed to “Completed” without any further user interaction.  
Acceptable output:       yes       no

## User Story #2

As a user, I would like to drag and drop tasks so that I can easily visualize my task order.

### Test cases:

1. Description: Verify that clicking and holding a task makes it draggable, enabling the user to initiate drag-and-drop reordering.  
Input: Click and hold “task 1” on the task table.  
Observed output: “task 1” becomes draggable and follows the cursor.  
Acceptable output:       yes       no
2. Description: Confirm that while dragging a task, a visual placeholder is shown at potential drop positions to guide reordering.  
Input: Drag “task 1” over the position between “task 2” and “task 3”.  
Observed output: The space between the rows for “task 2” and “task 3” widens to accommodate a new task, and a grey drop indicator appears where the task would be placed.  
Acceptable output:       yes       no
3. Description: Ensure that after dropping a task into a new position, the task list updates to reflect the new order.  
Input: Drop “task 1” between “task 2” and “task 3”.  
Observed output: “task 1” now appears on the task table between “task 2” and “task 3”.  
Acceptable output:       yes       no
4. Description: Confirm that dropping a task back to its original position causes no changes to the task order.  
Input: Drag “task 2” around the task table and drop it at its original position.  
Observed output: “task 2” appears at its original position.  
Acceptable output:       yes       no
5. Description: Confirm that dropping a task outside a valid drop zone causes no changes to the task order.  
Input: Drag “task 2” around the task table and drop it outside of the task table range.  
Observed output: “task 2” appears at its original position.  
Acceptable output:       yes       no
6. Description: Verify that the reordered task list persists after a page refresh, reflecting the last saved task positions.  
Input: Refresh the task table page with the reordered tasks.  
Observed output: The task table reflects the new task order consistently after refreshing the page.  
Acceptable output:       yes       no

## User Story #3

As a user, I would like to be able to set task dependencies to organize connected tasks better.

### Test cases:

1. Description: Ensure that the user can view a complete list of existing tasks when opening the dependency menu from the outline.  
Input: On the Dependencies page, click “+ Add” under “task 6” in the outline.  
Observed output: A dropdown menu appears populated with all existing tasks that are not already dependent on “task 6” available to select as dependencies.  
Acceptable output:       yes       no
2. Description: Verify that adding a dependency from the Dependencies page reflects immediately in the graph and outline, as well as the Dependencies column of the task table.  
Input: Select “task 4” as a dependency for “task 6” from the dropdown menu in the outline..

Observed output: An arrow is drawn from the “task 4” node to the “task 6” node in the graph and “task 4” appears nested under “task 6” in the outline, when expanded. “task 4” is listed with its due date in the Dependencies column of the task table.

Acceptable output:       yes       no

3. Description: Verify that removing a dependency from the Task Dependencies page removes the link in all visual and tabular representations.

Input: On the Dependencies page, expand “task 6” in the outline, and remove “task 4” as a dependency by clicking the red trash can next to the outline item.

Observed output: The arrow between the “task 4” and “task 6” nodes disappears from the graph, and “task 4” is no longer nested under “task 6” in the outline. “task 4” no longer appears under the Dependencies column for “task 6” in the task table.

Acceptable output:       yes       no

4. Description: Test that the system prevents a task from being completed if its dependencies are not yet complete.

Input: Open the “task 6” modal and attempt to change its status to “Completed”. Ensure that “task 4” is marked as either “To-Do” or “In Progress”.

Observed output: An error message (“Cannot mark task as completed. Complete all dependencies first.”) appears in the task modal. Task status remains unchanged.

Acceptable output:       yes       no

5. Description: Ensure that a task with completed dependencies can be completed without restriction.

Input: Change the status of the task “task 4” to “Completed”. Open the “task 6” modal and attempt to change the status to “Completed”.

Observed output: The status of the task “task 6” changes to “Completed”. “task 6” is stricken through on the dependency graph and in the Dependencies column for all tasks for which it is a dependency.

Acceptable output:       yes       no

6. Description: Verify that all tasks with dependencies are visually arranged properly

Input: Add other dependencies in the dependency outline on the Dependencies page.

Observed output: The graph will immediately reflect changes to dependencies as they happen. Dependencies will immediately be nested under their parents and populate at all relevant spots in the outline. Dependencies will immediately appear in the Dependencies column in the task table for their respective tasks.

Acceptable output:       yes       no

7. Description: Ensure that task dependencies remain correctly displayed in all views after reloading the page.

Input: Reload the app with modified dependencies.

Observed output: Refreshed page will still reflect all changes made to task dependencies.

Acceptable output:       yes       no

#### **User Story #4**

As a user, I would like to archive completed tasks so that I can keep my workspace clutter-free.

#### **Test cases:**

1. Description: Ensure that all tasks have the completion check.

Input: Clicking the marked as complete check mark next to a task.

Observed output: Check mark is ticked, task turns green, archive button appears.

Acceptable output:       yes       no

2. Description: Ensure that the archived tasks are still available to the user.

Input: Clicking the “All Archived” button in the bottom left.

Observed output: Pulls up a modal with all the tasks that have been archived

Acceptable output:       yes       no

3. Description: Ensure that the user is able to unarchive tasks once they have been archived.

Input: Clicking the checkmark next to one of the archived tasks.

Observed output: Task moves from archived section back into normal task section.

Acceptable output:       yes       no

4. Description: Ensure that auto archival check mark, interval, and time appear as they should.

Input: Clicking the check mark, interval drop down, and time

Observed output: Clicking the check mark, seeing the interval drop down with its options, and being able to input time.

Acceptable output:       yes       no

5. Description: Ensure that time is robust and users cannot input wrong times into it.

Input: Typed in "915" and other various 3+ digit numbers.

Observed output: When there were more numbers the time cursor moved as expected. Typing more resulted in it just moving from the hours to the minutes.

Acceptable output:       yes       no

6. Description: Ensure that completed tasks can be marked uncompleted.

Input: Clicking the checkmark for completed tasks.

Observed output: The check mark was unticked and the task went back to how it was before it was marked as completed.

Acceptable output:       yes       no

7. Description: Ensure that auto-archival and its features work based on time and interval inputs.

Input: Marking the auto-archival check mark on, the interval to daily and the time to 11:59 A.M.

Observed output: Nothing occurred even when the interval should have passed

Acceptable output:       yes       no

8. Description: Ensure that the completed and archived tasks persist after sessions

Input: Reloading the page.

Observed output: The archived tasks and completed tasks did not persist and went back to before they had been archived or completed.

Acceptable output:       yes       no

## User Story #5

As a user, I would like to jot notes down about tasks that I have or have not completed so that I can reference thoughts for later.

### Test cases:

1. Description: Ensure that the notes button appears for each task and pulls up the notes when pressed.

Input: Click the notes button next to a task.

Observed output: The notes menu appears with the expected button formatting options and the notes menu.

Acceptable output:       yes       no

2. Description: Ensure that notes written in one task do not affect notes written in another.

Input: Open one task's notes and write in it, open another task's notes and write in it.

Observed output: Both notes are separate to each task.

Acceptable output:       yes       no

3. Description: Ensure that if the user writes more notes than can visually fit, they will be able to scroll through to get to their other notes.

Input: Write a lot of notes until it reaches the end of the text box.

Observed output: The notes begin to go beyond and the user is able to scroll to see them.

Acceptable output:       yes       no

4. Description: Ensure that the bold option works properly

Input: Highlighting the text and clicking bold.

Observed output: The text remains the same from before the bold button was clicked.

Acceptable output:       yes       no

5. Description: Ensure that the italics option works properly

Input: Highlighting the text and clicking italics.

Observed output: The text remains the same from before the italics was clicked.

Acceptable output:           yes           no

6. Description: Ensure that the bullet point option works properly

Input: Clicking the cursor before text and pressing the bullet button.

Observed output: No bullet appears and text is the same as from before.

Acceptable output:           yes           no

7. Description: Ensure that the notes persist from session to session.

Input: Reload the page and click the notes button

Observed output: The notes that had been typed are no longer there.

Acceptable output:           yes           no

## User Story #6

As a user, I would like to set default task templates so that I can quickly create repetitive tasks.

### Test cases:

1. Description: Ensure that the template tasks menu button is functioning.

Input: Clicking the template button in the bottom left of the screen

Observed output: The template modal appears with options to create a new template.

Acceptable output:           yes           no

2. Description: Ensure that when the user clicks the create a template button, they are given the option to input their specifications.

Input: Clicking the Make Template button within the Templates modal.

Observed output: A menu appears that allows the user to input some default task information.

Acceptable output:           yes           no

3. Description: Ensure that when the user presses the save template button it appears in the templates section.

Input: Clicking on the make template button, putting in the information, and clicking save template.

Observed output: Nothing happens and template menu remains empty.

Acceptable output:           yes           no

4. Description: Ensure that the favorite option is functional and puts the favorite templates at the top.

Input: No templates are available so there is no favorite option to click.

Observed output: No templates are listed so the favorite option does nothing.

Acceptable output:           yes           no

5. Description: Ensure that pressing the create button next to a template creates a task with the templates specifications.

Input: There are no templates and thus no create buttons to press.

Observed output: Nothing happens because there are not any templates.

Acceptable output:           yes           no

6. Description: Ensure that the templates persist across sessions.

Input: Press the reload page button and check the template modal.

Observed output: There are no templates in the first place so you cannot tell.

Acceptable output:           yes           no

## User Story #7

As a user, I would like to schedule tasks for a future start date so that I can plan ahead without cluttering my current task list.

### Test cases:

1. Description: Task with a future start date does not appear in the current task list.

Input: Create a task via "Create Task" → set Start Date to tomorrow → Save

Observed output: Task does not show up under "Active Tasks"

- Acceptable output:      **yes**      no
2. Description: Task with a future start date appears in the "Scheduled" section.  
 Input: After step 1, look to the Scheduled Tasks section  
 Observed output: Task is listed there with correct name and start date  
 Acceptable output:      **yes**      no
  3. Description: On reaching start date, task moves to active list.  
 Input: Wait until the start date or change computer time to check  
 Observed output: Task automatically moves to "Active Tasks" via background job  
 Acceptable output:      **yes**      no
  4. Description: User can edit a scheduled task before its start date.  
 Input: In Scheduled section → Click **Edit** → Modify whatever is needed → Save  
 Observed output: Changes reflect properly can also be seen when moved to active list  
 Acceptable output:      **yes**      no
  5. Description: Editing start date to today moves task to active immediately.  
 Input: Click on the start now button next to the task  
 Observed output: Task moves to "Active Tasks"  
 Acceptable output:      **yes**      no
  6. Description: User can delete a scheduled task before its start date.  
 Input: In Scheduled section → Click **Delete** → Confirm  
 Observed output: Task disappears from both views  
 Acceptable output:      **yes**      no
  7. Description: User can complete a scheduled task before start date.  
 Input: In Scheduled section → Click **Finish**  
 Observed output: Task moves to "Active Tasks" as Completed with today's date  
 Acceptable output:      **yes**      no
  8. Description: Editing an active task to have a future start date moves it back to scheduled.  
 Input: Edit an active task → Set **Start Date** to 2 days from now → Save  
 Observed output: Task disappears from "Active Tasks", reappears in "Scheduled Tasks"  
 Acceptable output:      **yes**      no
  9. Description: Task cannot have start date after due date.  
 Input: In Create → Set **Start Date** after **Due Date** → Save  
 Observed output: Error appears: "Start date cannot be after the due date."  
 Acceptable output:      **yes**      no
  10. Description: Setting a past start date is blocked  
 Input: In Create → Set **Start Date** to yesterday → Save  
 Observed output: Error appears: "Start date cannot be in the past."  
 Acceptable output:      **yes**      no

### User Story #8

As a user, I would like to log time spent on tasks so that I can keep track of progress.

#### Test cases:

1. Description: Time logging field is visible when viewing a task.  
 Input: Click "Log Time" on any active task  
 Observed output: A field appears to input minutes + see previous logs  
 Acceptable output:      **yes**      no
2. Description: User logs time manually for a task.

Input: Enter 30 in minutes field → Click “Log Time”

Observed output: Log entry appears with timestamp, total updates

Acceptable output: **yes** no

3. Description: Multiple time logs are summed.

Input: Log another 60 minutes → Check task view

Observed output: Total now shows 90 minutes

Acceptable output: **yes** no

4. Description: Editing a log updates the total time.

Input: Click **Edit** on log in the field → Change 30 → 45 → Save

Observed output: Total increases by +15, updated in real-time

Acceptable output: **yes** no

5. Description: Deleting a log updates total time.

Input: Click **Delete** on a log entry

Observed output: Log disappears, total decreases accordingly

Acceptable output: **yes** no

6. Description: Task summary shows total time across tasks.

Input: Go to bottom of Task page → “Total Time” section

Observed output: Combined time for all tasks is displayed

Acceptable output: **yes** no

7. Description: User tries to log >1440 minutes (24 hours)

Input: Enter 1500 in log time → Click “Log Time”

Observed output: Error: “Time must be between 1 and 1440 minutes.”

Acceptable output: **yes** no

8. Description: User types text in log field

Input: Enter abc → Click “Log Time”

Observed output: Error: “Time must be between 1 and 1440 minutes.”

Acceptable output: **yes** no

### User Story #9

As a user, I would like to see a streak tracker to visualize my consistent task completion.

#### Test cases:

1. Description: Completing a task increments streak.

Input: Mark any active task “Completed” today, this will count to today’s goal

Observed output: Current streak increases by 1

Acceptable output: **yes** no

2. Description: No task completed for a day resets streak.

Input: Skip completing any task today, when a task is mentioned to be due

Observed output: Current streak resets to 0 next day

Acceptable output: **yes** no

3. Description: Multiple consecutive completions increase streak.

Input: Complete tasks for 3 consecutive days

Observed output: Current streak = 3

Acceptable output: **yes** no

4. Description: Streak tracker shows current, highest, and total days.

Input: Click on streak on top of Task page to view

Observed output: Shows: Current, Highest, Total Days

Acceptable output: **yes** no

5. Description: History of past 30 days is displayed.  
Input: Go to Streak Tracker view  
Observed output: Shows timeline of past 30 days with green/red indicators  
Acceptable output: yes no
6. Description: Day without any active task does not break the streak.  
Input: Ensure no task starts today → don't complete anything  
Observed output: Streak continues, not reset  
Acceptable output: yes no
7. Description: Task is completed after due date  
Input: Mark a task as completed after due date  
Observed output: Warning message displayed showing that task will not count towards streak  
Acceptable output: yes no
8. Description: Deleting a completed task from streak day recalculates streak.  
Input: Delete a completed task from streak history  
Observed output: Current streak updates/recalculates correctly  
Acceptable output: yes no

### **User Story #10**

As a team leader, I would like to create a “team” so that I can manage group tasks.

#### ***Test cases:***

1. Description: Given the user clicks on the teams button, then they should navigate to a teams page specific to them  
Input: Click on teams button  
Observed output: Navigates me to the teams page  
Acceptable output: yes no
2. Description: Given the user clicks on the create team button, then they should be prompted to type in a team name and click confirm.  
Input: Click create team button, type in “hello”, click create.  
Observed output: A new team pops up with the name “hello”  
Acceptable output: yes no
3. Description: Given the user clicks on the team, then they should open a page showing more details about the team, like members and tasks, and see buttons to add members and delete the team.  
Input: Click on “hello”  
Observed output: I see the team name, leader name, a list of members, an add member button, a section for tasks, a delete team button, and a back button.  
Acceptable output: yes no
4. Description: Given the user already has teams, then creating a team should still create another unique team.  
Input: Click back, then click create team, type in “hello”, and click create.  
Observed output: A new team is made with the name “hello”  
Acceptable output: yes no
5. Description: Given the team leader clicks delete team, then they should be asked to confirm their choice.  
Input: Click on a team, “hello”, then click delete team.  
Observed output: Red text appears asking if I am sure, and warning me the team will be deleted for all members. Two buttons underneath read confirm and cancel.  
Acceptable output: yes no
6. Description: Given the team leader confirms the delete, then the team will be removed from their task page, as well as any members' pages.



Input: First added a member by clicking add member, then logged in on that member's account and accepted the invite. Returned to the first account and clicked confirm when deleting. Returned to the other account to check that one as well. Observed output: On both accounts, the team does not show up anymore.

Acceptable output: **yes** no

7. Description: Given the team leader cancels the delete, nothing will happen.

Input: Click cancel after clicking delete team.

Observed output: The warning and confirm and cancel buttons disappear, returning to the original state.

Acceptable output: **yes** no

### User Story #11

As a user, I would like to be able to search for other users so that I can use other functionality like teams.

#### Test cases:

1. Description: Given a team leader clicks the button to add members on their team's page, then they should see a search bar.

Input: Navigate to a team I called "t", then click add member.

Observed output: A search bar appears underneath.

Acceptable output: **yes** no

2. Description: Given a user clicks the search button on the home page, then they should see a search bar.

Input: Click the search button on the top navigation button.

Observed output: I navigate to a page with a heading "Find users" and a search bar underneath.

Acceptable output: **yes** no

3. Description: Given a search bar is empty, then no users will show up underneath

Input: Click on a search bar but do not type anything. Then type something and delete it.

Observed output: Before typing anything, no names show up. After typing and deleting, all names disappear once more.

Acceptable output: **yes** no

4. Description: Given the search bar has contents, then any usernames matching the pattern will show up underneath the search bar.

Input: Type in "a", type in "admin1", type in "b", type in "adminb".

Observed output: "a" shows all accounts matching which are admin, admin1, admin2, admin3. "admin1" shows only admin1. "b" shows nothing. "adminb" shows nothing.

Acceptable output: **yes** no

5. Description: Given the search is being done in the add members section, then each username should have an add and view button.

Input: Go to the team, click add member, type in "a".

Observed output: All users have an invite and view button alongside their username.

Acceptable output: **yes** no

6. Description: Given the search is being done from the home page, then each username should have only a view button.

Input: Click search on the top navigation bar, type in "a".

Observed output: All users have only a view button alongside their username.

Acceptable output: **yes** no

7. Description: Given the user clicks view on any user, then they should see a preview of that user's profile page.

Input: After typing in "a", click view on each user.

Observed output: When clicking on admin1, 2, and 3, each user's profile shows up respectively.

Acceptable output: **yes** no

### User Story #12

As a team leader, I would like to be able to add users to a team.

**Test cases:**

1. Description: Given the user clicks the add button after searching, then the receiving user should get an invite in their teams page.  
Input: Enter a team, click add member, search for admin, invite admin1, 2, and 3. Log into admin1, 2, and 3 and check the teams page.  
Observed output: For all invited accounts, an invite shows up in the invites section.  
Acceptable output: **yes** no
2. Description: Given the user already sent an invite, then they should not be able to send another unless the invite is removed by denial.  
Input: Send invites to admin1, 2, and 3. Note the buttons. Log into the other accounts and click deny. Return to admin and search again for admin.  
Observed output: Once an invite is sent, the invite button disappears for those invited. After denying and returning to the original account, the invite button appears again.  
Acceptable output: **yes** no
3. Description: Given a user receives an invite, then they should have a noticeable notification on their teams page.  
Input: Click add user, search for admin, send an invite to admin1. Log into admin1 and check teams.  
Observed output: A big box in the bottom right contains the invite.  
Acceptable output: **yes** no
4. Description: Given a user sees an invite, then they should be able to click either join or deny. Given a user clicks join, then the team should show up on their team page.  
Input: Enter a team, click add user, search for admin1 and click invite. Log into admin1 and click join on the teams page.  
Observed output: The invite shows up with the options join and deny. Clicking join makes the team appear on the page.  
Acceptable output: **yes** no
5. Description: Given a user joins, then their username should show up under the members section for everyone who views it.  
Input: Click join, then click on the team.  
Observed output: After clicking on the team, I see admin1 show up in the members along with admin, the owner.  
Acceptable output: **yes** no
6. Description: Given a user clicks deny, then the invite should be removed.  
Input: Log into the owner again, click add member, search and invite admin3. Log into admin3 and go to teams, and click deny.  
Observed output: The invite disappears.  
Acceptable output: **yes** no

**Sprint 1, User Story #11**

As a user, I would like to be able to change my profile picture so that I can customize my account.

**Test cases:**

1. Description: There is a default pic in case no picture is uploaded  
Input: Navigate to profile tab  
Observed output: A default pic is seen as a placeholder  
Acceptable output: **yes** no
2. Description: Can preview the image added to the profile  
Input: Click on add an image and select an image  
Observed output: The image is added onto the profile icon  
Acceptable output: **yes** no