

# Sprint Planning Checklist

Preparation	Meeting	Follow Up
<input checked="" type="checkbox"/> Look at the slides for testing from the class slides <input checked="" type="checkbox"/> Review PM2 and PM3 for ideas on test cases	<input checked="" type="checkbox"/> Assign each member a number of test cases to write	<input type="checkbox"/> Review the created test cases

## Sprint Team Members 12/2/2024

Name	Role
Andrew Tang	Project Manager
Daniel Abaye	Developer
Dylan Lau	Developer
Mazin Abdelrahman	Developer

## Agenda

Review and close previous sprint.

1. Review deliverables created from PM3 as they influence some of the tests created for PM4.
2. Review what a black box test plan looks like.

## Previous Sprint Summary

Sprint theme	Requirements elicitation, analysis, and specification
Story points	70 points
Summary	The deliverables for PM3 were straightforward, however they were more time consuming than previously estimated (70 points)

## Details

Start date	12/2/2024
End date	12/6/2024
Sprint theme	Create black box test plan

## Velocity Tracking

This assignment should be similar in complexity to PM2. Creating the black box test plan will require a lot of cross referencing with PM2 and PM3 in order to create accurate tests. So, it may be slightly more tedious. This assignment will require less overall complexity than PM3 and will be more similar to PM2. The work will be split between two people writing 2 tests and two people writing 3 tests. Each test should take between 10-20 minutes to complete. 5 days is an ample amount of time to complete all 10 tests with the work being distributed.

## Capacity Planning

	Current Sprint	Previous Sprint
Total days	5 days	7 days
Team Capacity	100%	100%
Projected Capacity	75 points	70 points
Individual Capacity	Andrew – 25% Daniel – 25% Dylan – 25% Mazin – 25%	Andrew – 20% Daniel – 26% Dylan – 26% Mazin – 26%

## Potential Risks

Risk	Mitigation
Finals coming up	Spread out writing tests, schedule time to write tests, or get them done now because it shouldn't take long
Work due for other classes	Spread out writing tests, schedule time to write tests, or get them done now because it shouldn't take long

## Black Box Test Plan

A test plan is a detailed document that outlines test cases for a given software system. Black box test plans are documents that use plain language for stakeholders to follow to verify the program. For this milestone, you must create a black box test plan with at least **ten** unique black box test cases with the required test case information (see a template in the Lecture Slides). Your test cases should also relate to the acceptance criteria of your project requirements (PM2) and design constraints (PM3).

- If you are not implementing your project, you may leave the Actual Results column blank (but it must be present in the plan to receive full credit).
- If you are implementing your project, you may include the actual results if the test case is implemented or still keep the column blank.

**Example from the slides (we don't have Actual Results because we aren't coding anything)**

Test ID	Description	Expected Results	Actual Results
TestName (Test Author)	Preconditions:	Test Outputs	Actual Outputs
Test Type	Steps: Test Inputs		

Test ID	Description	Expected Results	Actual Results
Assign task priority (Andrew Tang)	Precondition(s): TODO list with at least one entry has already been created  Steps: (1) User clicks the list, (2) clicks on the "Edit" button, (3) clicks the "Prioritize" button, (4) click on a task, (5) assign the level of priority for the highlighted task, (6) repeat steps 4 and 5 until done prioritizing, (7) click on the save button	Depending on which level of priority the task(s) were assigned, the highest priority tasks will appear at the top of the list and descend in priority. The background of the tasks will also be colored, indicating their priority.	N/A
Delete a TODO list (Andrew Tang)	Precondition(s): On the page with the list of	Once the list has been deleted the user	N/A

	<p>TODO lists. A TODO list with or without entries has already been created.</p> <p>Steps: (1) Click on the list you want to delete, (2) In the enlarged window click the red button with the trash can icon, (3) Click yes on the confirmation window</p>	<p>should receive a message indicating successful deletion. They should automatically be rerouted to the page with the list of TODO lists. The deleted list should no longer appear on that page.</p>	
Create a TODO list (Daniel Abaye)	<p>Precondition(s): Have a profile set up. Is currently on the home screen of the application</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Click on the plus button on the bottom middle of the home page</li> <li>2. Input the information pertaining to the TODO list on the TODO creation page</li> <li>3. Include whoever should do the TODO list in the mentions box</li> <li>4. Publish the list</li> </ol>	<p>Once the TODO list has been created the user should receive a message indicating successful creation. They should automatically be rerouted to the page with the list of TODO lists, and be able to see that the new list is among them. Anyone who was included in the TODO list should get a notification and also have the new list included in their active lists.</p>	N/A
Updating TODO list (Daniel Abaye)	<p>Precondition(s): Have a profile set up. Is currently on the home screen of the application. Has a published TODO list to update.</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Click on the TODO list you would like to update</li> <li>2. Select edit list on the top of the page</li> <li>3. Change any information about the TODO list</li> <li>4. Select republish list on the top of the page</li> </ol>	<p>Once the TODO list has been updated the user should receive a message indicating the list has successfully updated. They should automatically be rerouted to the page with the list of TODO lists, and be able to see that the updated list is among them. Anyone who is included in the TODO list should get a notification and also have the updated list included in their active lists.</p>	N/A

Complete TODO list (Daniel Abaye)	<p>Precondition(s): Have a profile set up. Is currently on the home page. Has an active TODO list.</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Click on the TODO list you would like to complete</li> <li>2. Select the specific tasks within the TODO list you have completed, or enter a percentage of the TODO list completed</li> <li>3. Select republish list on the top of the page</li> </ol>	<p>Once the TODO list has been completed the user should receive a message indicating the list has been successfully completed. They should automatically be rerouted to the page with the list of TODO lists. If the list was fully completed, meaning every task was marked as done, or the percentage was marked as 100%, the list should be present among the completed lists. Otherwise the list should still be within the active lists. Anyone who is included in the TODO list should get a notification and also have the completed list included in their respective lists.</p>	N/A
Messaging a Manager with a body of text (Dylan Lau)	<p>Precondition: The employee user must have an assigned Manager on their "friends" list.</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Employee user opens list. <ul style="list-style-type: none"> <li>• User clicks on manager they choose to message.</li> <li>• User selects the chat window and types a message of text to send</li> <li>• User clicks on send button</li> </ul> </li> </ol>	<p>The message will be sent to the manager and appear on both user's message feed. On the Employee side, it will appear as a message justified right, as they are the sender. On the Manager/Receiver side, it will appear as a message justified left, as they are the recipient.</p>	N/A
Messaging an Employee with a body of text (Dylan Lau)	<p>Precondition: The Manager must have at minimum one employee</p>	<p>The message will be sent to the manager and appear on both user's message feed.</p>	N/A

	<p>assigned to their employee list.</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>2. Manager user opens list of employees they manage over. <ul style="list-style-type: none"> <li>• User clicks on manager they choose to message.</li> <li>• User selects the chat window and types a message of text to send</li> <li>• User clicks on send button</li> </ul> </li> </ol>	<p>On the Manager side, it will appear as a message justified right, as they are the sender.</p> <p>On the Employee/Receiver side, it will appear as a message justified left, as they are the recipient.</p>	
<p>Sending a picture attachment (Dylan Lau)</p>	<p>Precondition: User must have another user added that they can message.</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. User opens message list of users they are connected with</li> <li>2. User selects a user and opens the chat window with them</li> <li>3. User clicks on the attach image button</li> <li>4. File explorer window is opened and User selects a chosen image to send</li> <li>5. Message is now attached with a picture</li> <li>6. User hits send.</li> </ol>	<p>The image will be sent to the recipient and it will be viewable by both the sender and the receiver.</p>	N/A
<p>Handle Invalid File Type Attachment (Mazin abdelrahman)</p>	<p>Ensure the application properly handles attempts to send unsupported file types as attachments. The</p>	<p>- The system should display an error message indicating that</p>	N/A

	<p>system should display an appropriate error message, indicating that the file type is not supported, and prevent the file from being attached to the message.</p> <p><b>Preconditions:</b></p> <ul style="list-style-type: none"> <li>• The user is logged into the messaging section.</li> <li>• The user has an unsupported file type (e.g., .exe or .mp4) ready for upload.</li> </ul> <p><b>Steps:</b></p> <ol style="list-style-type: none"> <li>1. Navigate to the messaging tab.</li> <li>2. Click the "Attach File" button and select the unsupported file type and send.</li> </ol>	<p>the file type is not supported.</p> <ul style="list-style-type: none"> <li>- The file is not sent, and the system prompts the user to select a valid file type.</li> </ul>	
<p>Handle Message send failure due to network error</p> <p>(Mazin Abdelrahman)</p>	<p>Ensure the system can handle a network error when sending a message gracefully by displaying an error message and attempting to save any unsent messages to be retried when the connection is restored.</p> <p><b>Preconditions:</b></p> <ul style="list-style-type: none"> <li>• The user is logged into the app and has a stable network connection (before testing begins).</li> </ul>	<p>The system should handle the failure gracefully, display an error message, and save the unsent message for retry when the connection is restored. The message should be successfully sent after network recovery.</p>	N/A

	<ul style="list-style-type: none"><li>• The user is on the messaging tab and has drafted a message to send.</li></ul> <p><b>Steps:</b></p> <ol style="list-style-type: none"><li>1. Navigate to the messaging tab, select a recipient or group, type a message, and click "Send."</li><li>2. Programmatically have the server send back a HTTP 400 error (this is the error that would be sent if the wifi disconnects)</li></ol>		
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