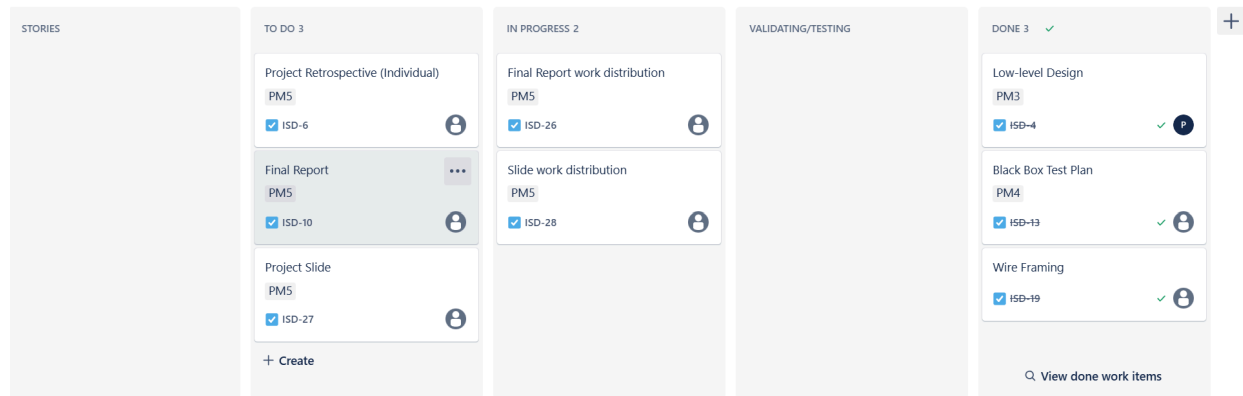


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Kanban Board

Process Deliverable III



Black Box Test Plan

1.

Test ID: 1	Description	Expected Results	Actual Results
TestName: add_Task Test Type: Functional	Preconditions: Kanban board with members has already been created and shared. Steps: The Project Manager will need to create a kanban board. Test inputs: Add Task = Make Blueprints.	Test Output: Task will be added to the general Kanban board.	Actual Outputs: Leave Blank

2.

Test ID: 2	Description	Expected Results	Actual Results
TestName: Assign_Employee Test Type: Functional	Preconditions: Kanban board with members has already been created and shared. Steps: The Project Manager will need to create a Kanban board and have team members (users) added to the specific board. A task will be added to the board where it will be assigned to a user who fits the specific requirements. Test inputs: Task added = Make Blueprints. Task added onto users personalized Kanban board.	Test Output: Users will be able to view tasks added to their personalized Kanban board.	Actual Outputs: Leave Blank

3.

Test ID: 3	Description	Expected Results	Actual Results
TestName: Assign_Multiple_Tasks Test Type: Functional	Preconditions: A Kanban board with multiple programmers has already been created and shared. Steps: The tester should add multiple tasks with varying levels of difficulty, priority, and necessary skills. These tasks should then be automatically assigned to programmers by the application. Test inputs: <ul style="list-style-type: none">- Add task- Repeat with different required skills, priority and difficulty levels	Test Output: Tasks should all be assigned to users that meet the minimum qualifications for that task. Important tasks should also have an even distribution between users.	Actual Outputs: Leave Blank

4.

Test ID: 4	Description	Expected Results	Actual Results
TestName: Change_Status_Of_Test Test Type: Functional	Preconditions: The Kanban board should already be created and contain at least one task in the TODO section. The board should also have the following task statuses: <ul style="list-style-type: none">- TODO- In Progress- Testing/Validating- Done Steps: Move a task forward through the statuses and then downgrade progress backwards through the statuses. Test inputs: <ul style="list-style-type: none">- Drag task from TODO to In Progress- Drag task from In Progress to Testing/Validating- Drag task from Testing/Validating to Done- Drag task from Done to Testing/Validating- Drag task from Testing/Validating to In Progress- Drag task from In Progress to TODO	Test Output: Users on any machine with access to this Kanban board should be able to view the task in its current stage of progress.	Actual Outputs: Leave Blank

5.

Test ID: 5	Description	Expected Results	Actual Results
TestName: Add_Comments_To_Task Test Type: Functional	Preconditions: The Kanban board should already be created and contain at least one task. Steps: Boundary cases for comments should be checked. Output should be tested for case. Cases: Open the task and add a comment. Edit the comment. Add a nested comment. Have another user comment under those comments. Mark the other user's comment as resolved. Delete the comment thread. Test inputs: <ul style="list-style-type: none">- Open the task and add a comment- Edit the comment- Add a nested comment- Have another user comment on those comments- Mark the other user's comment as resolved- Delete the comment thread	Test Output: Users on any machine with access to this Kanban board should be able to view the comments added to this task.	Actual Outputs: Leave Blank

6.

Test ID: 6	Description	Expected Results	Actual Results
TestName: Reassigned_Notification Test Type: Functional	Preconditions: The Kanban board should already be created, include at least 2 team members (users), and have at least 1 task. Steps: Reassign a task 3 times. Test inputs: <ul style="list-style-type: none"> - Assign the task to User 1 - Reassign the task to User 2 - Reassign the task to User 1 - Reassign the task to User 2 	Test Output: The project manager receives a notification with details of the task and the development history.	Actual Outputs: Leave Blank

7.

Test ID: 7	Description	Expected Results	Actual Results
TestName: Manual_Assignment Test Type: Functional	Preconditions: The Kanban board should already be created, include at least 2 team members (users), and have at least 1 task. Additionally, a task should have been reassigned 3 times. The task is currently assigned to User 1. Steps: Project manager	Test Output: The task will be reassigned to the employee that the project manager chose, with the task added to that employee's personalized Kanban board.	Actual Outputs: Leave Blank

	<p>manually assigns a task to an employee.</p> <p>Test inputs:</p> <ul style="list-style-type: none"> - As a user that has the type Project Manager, assign task from User 1 to User 2 - After assigning, check isAvaliable() is false for User 2 and true for User 1 		
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8.

Test ID: 8	Description	Expected Results	Actual Results
<p>TestName: Request_More_Work</p> <p>Test Type: Functional</p>	<p>Preconditions: The Kanban board should already be created, include at least 1 team member, and have at least 1 unassigned task.</p> <p>Steps: A team member requests to be assigned more work.</p> <p>Test inputs:</p> <ul style="list-style-type: none"> - User 1 submits a request to be assigned more work 	<p>Test Output: A task is added to User 1's personalized Kanban board.</p>	<p>Actual Outputs: Leave Blank</p>

9.

Test ID: 9	Description	Expected Results	Actual Results
TestName:	Preconditions:	Test Output:	Actual Outputs:

Mark_Complete Test Type: Functional	User will have an assigned task by the software system. Steps: The to do item will be on the individual users kanban board The user will select complete where the to do item will be moved to the complete section on their private kanban board Test inputs: <ul style="list-style-type: none"> - User completes "Finish blueprints" 	The global kanban board will move the completed task to the complete column. The project manager will be notified	Leave Blank
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10.

Test ID: 10	Description	Expected Results	Actual Results
TestName: Update_Prriority Test Type: Functional	Preconditions: The user will have multiple tasks added to their local kanban board. Steps: The project manager will set weights to each of the items on the to do lists and will be ranked by priority. The project manager will update the weight of a specific to do item Test inputs: <ul style="list-style-type: none"> - Change weight of "Finish Blueprints" from 5 to 1 	Test Output: The weight on the local user kanban board will be adjusted so that the user now sees the priority has changed for that specific to do item	Actual Outputs: Leave Blank