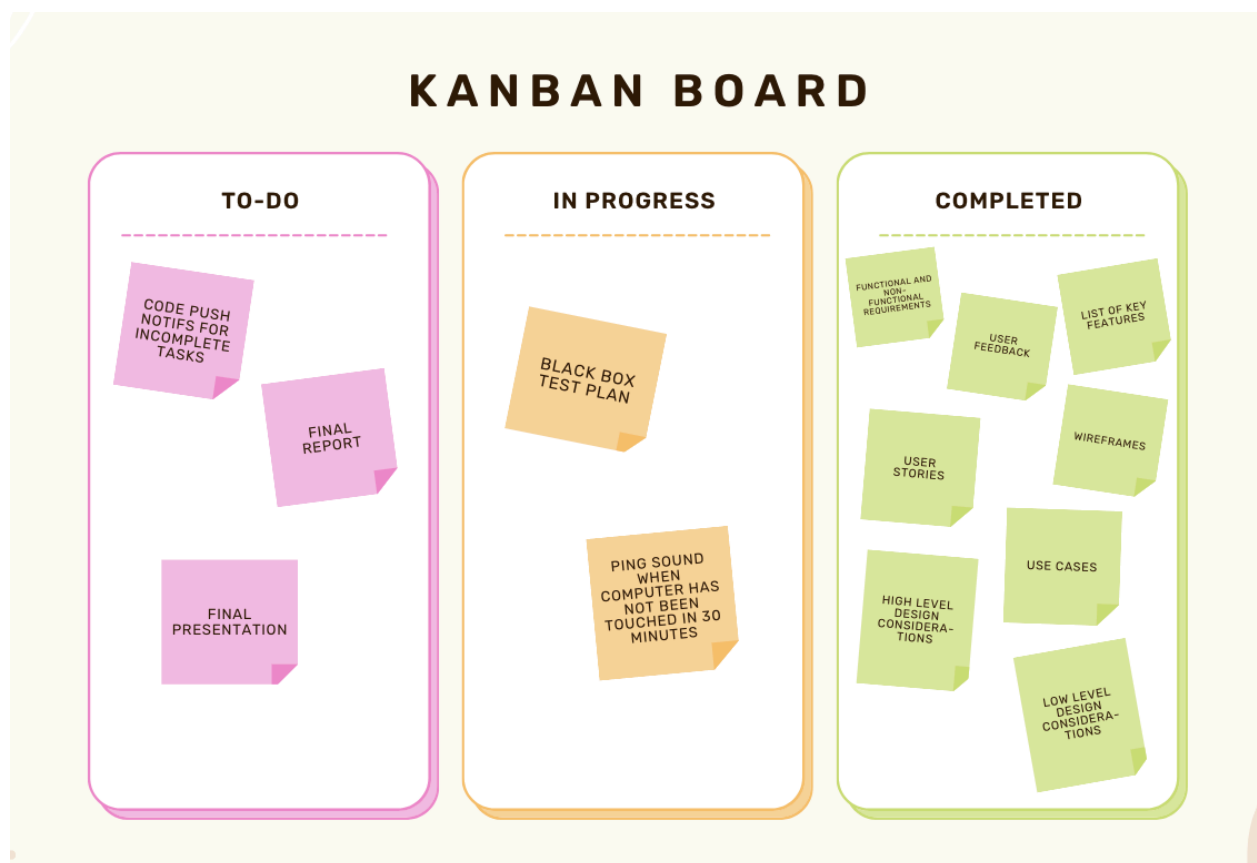


Project Milestone 4

Process Deliverable III (3%)

- Kanban: submit a depiction (i.e., screenshot, link, etc.) of completed and prioritized tasks in your team's Kanban board
 - To Do
 - Code push notifs for incomplete tasks
 - Final Report
 - Final Presentation
 - In Progress
 - Black Box Test Plan
 - Code ping sound when computer not touched for 30 mins
 - Completed
 - High-Level Design considerations
 - Low-Level Design considerations



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).

Test ID	Description	Expected Results	Actual Results
InactivityTest (user) SystemTest	Preconditions: has FocusBot installed Steps: - leave computer unattended for 30 mins - don't move mouse	- computer will ping - message will appear to continue working	
EndOfDayTest (manager) IntegrationTest	Preconditions: - has FocusBot installed - listed as a manager in JobType field Steps: - wait until 4:00 on a working day	- computer will show a message asking to display employees' progress - progress sheet will display on manager's desktop for review	
AestheticTest (user) ValidationTest	Preconditions: - has FocusBot installed Steps: - toggle TaskList to "display" on desktop	- ensure task list and progress pie chart take up at least 10% of screen space	
UpdateTest (user) SystemTest	Preconditions: - has FocusBot installed Steps: - user adds a task to the task list	- ensure the updated task is shown on the list within 1 millisecond	

<p>OStest (user)</p> <p>IntegrationTest</p>	<p>Preconditions: - has FocusBot installed</p> <p>Steps: - user switches from a Windows computer to a Mac</p>	<p>- ensure all progress from FocusBot transfers over and functions the same between Windows and MacOS</p>	
<p>ErrorTest (user)</p> <p>ValidationTest</p>	<p>Preconditions: - has FocusBot installed</p> <p>Steps: - user attempts to create a new task - inputs the date in the wrong format e.g. "YYYY/MM/DD/HH"</p>	<p>- error message appears to guide the user to input the date in the correct format</p>	
<p>ReliabilityTest (manager)</p> <p>SystemTest</p>	<p>Preconditions: - has FocusBot installed - uses FocusBot every day for 1 full week</p> <p>Steps: - manager continuously uses FocusBot for 1 week</p>	<p>- number of errors that occurs should be 0 as Mean Time Between Failures is 168 hours, or 7 days</p>	
<p>ViewTest (user)</p> <p>IntegrationTest</p>	<p>Preconditions: - has FocusBot installed</p> <p>Steps: - user enables TaskList and ProgressBar to "display" - user maximizes the ProgressBar to show larger by dragging the corner to expand</p>	<p>- ProgressBar successfully expands to a larger size on desktop - formatting stays intact and each feature in the chart changes accordingly</p>	
<p>CustomizeTest (user)</p> <p>SystemTest</p>	<p>Preconditions: - has FocusBot installed</p>	<p>- color and sound successfully update on the user's desktop</p>	

	Steps: - user desires to change the ping sound to birds chirping and progress bar color to blue using the FocusBot's "settings" feature		
CompletedTest (user) ValidationTest	Preconditions: - has FocusBot installed - working on tasks throughout the day Steps: - user completed 100% of their tasks for the day	- confetti appears across the screen with a "congratulations" message	