**Test Plan**

Tester: Noel Jules Cabahug Date designed: Nov 29, 2024, 6:14 PM

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Test Type & Test Type ID: White Box - 01

**Requirement Addressed**

Verification of initialization, interaction, and visual behavior of the profile menu and its components.

**Objective**

To evaluate proper behavior and integration of the profile\_menu and its components.

**Test cases**

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| **Description** | **Input field** | **Input value** | **Expected Output** | **Actual Output** | **Pass/Fail** |
| Verification of initialization, interaction, and visual behavior of the profile menu and its components. | on\_start() | Application startup | Profile menu and its child components (settings and help dialogs) are initialized and loaded into their containers without errors. | The profile menu and its child components successfully loaded into their respective containers without any initialization errors, ensuring a clean and proper startup of the application. | Pass |
| Ensure that the profile menu dropdown opens when the menu button is pressed. | menu = MDDropdownMenu() | Click ‘Profile’ option | Profile menu dropdown opens displaying all menu items (Settings, Help, Logout). | Upon clicking the profile menu button, the dropdown smoothly opens, revealing three distinct menu items - Settings, Help, and Logout | Pass |
| Verify that the logout mechanism clears the session and resets the timer. | logout() | Click 'Logout' option | User session is cleared, and default\_timer\_settings() resets the pomodoro timer to default values. | When logging out, the session is cleared and resets the pomodoro timer to default. | Pass |
| Verify that the settings dialog is accessible from the profile menu. | settings\_item | Click ‘Settings’ option | Settings dialog opens without errors, displaying all components as intended. | The settings dialog opens and displays its components without errors. | Pass |
| Ensure the help dialog is accessible from the profile menu. | help\_item | Click ‘Help’ option | Help dialog opens without errors, displaying the 'About' section. | The help dialog opens and displays the about section. | Pass |
| Verify that pressing any profile menu item triggers the change\_opacity() method. | change\_opacity() | Click any menu item | change\_opacity() method is called, adjusting the dashboard component opacity appropriately. | The dashboard changes opacity after pressing any profile menu item. | Pass |