# **Test Coverage**

# **and**

# **Automation Test Script Plan**

# **for**

# **Minimal-Todo app**

**By Aphinnit**

**Test Coverage**

**Login/Registration:**

1. Verify user can register with valid details.
2. Verify user can log in with registered credentials.
3. Verify error messages for invalid login attempts.
4. Verify forgot password functionality.

**Task Management:**

1. Verify user can add a new task.
2. Verify user can view all tasks.
3. Verify user can edit an existing task.
4. Verify user can delete a task.
5. Verify user can mark a task as completed.
6. Verify user can filter tasks by status (completed/uncompleted).
7. Verify user can filter tasks by date (due today/overdue).
8. Verify user can search for tasks by keyword.

**Task Details:**

1. Verify task details are displayed correctly.
2. Verify user can add notes to a task.
3. Verify user can set a due date for a task.
4. Verify user can set a priority for a task.

**Settings:**

1. Verify user can change app theme.
2. Verify user can enable/disable notifications.
3. Verify user can log out successfully.

**Accessibility:**

1. Verify app is accessible to users with disabilities.
2. Verify app supports screen readers and voice commands.
3. Verify app text and buttons are appropriately labeled.

**Automation Test Scripts:**

**Login Test:**

1. Automate registration process with valid details.
2. Automate login process with registered credentials.
3. Automate error message validation for invalid login attempts

**Task Management Test:**

1. Automate adding a new task.
2. Automate deleting a task.

**Task Details Test:**

1. Automate verifying task details display correctly.

**Settings Test:**

1. Automate successful logout.