

Test Cases:

Test Cases	Pass (Positive)	Fail (Negative)
1. User registration	Verify when a user registers for an account, it is unique and not a duplicate, then the user has successfully registered for an account.	Given that a user tries to register for an account and it is not unique and a duplicate, then the user will be prompted with a description of why the user cannot register.
2. User log-in	When a user enters a valid login and valid password, then the user has logged in successfully.	When a user enters an invalid login and/or invalid password, then the user will fail to log in and be prompted to try again.
3. Priority Task Notifications/Reminders	Given the user fills out all the necessary fields of the task, verify that the app alerts the user of the specified tasks.	Given the user specifies a time for a task to be alerted, the task does not alert the user.
4. Priority Task Notifications/Reminders	Verify the app sends a timely reminder for a task based on the customized format ie the information you want the reminder to display.	The app sends the reminder without the accurate or complete task information.
5. UI Call to Action buttons/Hyperlinks	When the user clicks on call to action/hyperlink buttons, the user should be switched to the assigned page (if the user clicks on the calendar button, the user will be switched to the calendar screen).	The call to action/hyperlink button does not trigger an event or is not tied correctly to their respective screen, the user will not be routed to the correct anticipated screen and instead to an error page that is not found.
6. Modifications	Given the user's new information for the selected task, the task should be successfully updated with the new information provided, and the modified details are accurately displayed in the user's task list.	The user enters new information for a selected task and the new details do not successfully overwrite the previous information. The application does not accurately display the modified task in the user's task list.
7. Adding Tasks	The user enters the necessary task information (name, description, due date, etc.) which is valid information (entering a time in the past is rejected.), the task is created and all the provided details are correctly displayed in the user's task list.	A user enters invalid information (blank task name, entering a past due date, incomplete task details) and the task creation does not stop the user from saving that information and creating a task. The task is improperly created and does not properly display the provided information

8. Adding Calendar Tasks	When a user inputs a task into the task list, then it will automatically be imported into the calendar according to the restraints the user has provided.	When a user inputs a task into the task list, the assigned task is missing in the calendar screen.
9. Archiving Tasks (Checking Off)	When a user hits the checkbox for an existing task, it is marked as completed and moved over to the archived tasks list. The archived tasks list automatically clears entries older than 30 days.	When a user hits the checkbox for an existing task, it is not correctly processed and moved over to the archived task list. Tasks older than 30 days are not cleared.
10. Daily Schedule Planner	When the user views the daily schedule planner that is embedded within the calendar page, then the user can view a detailed plan of tasks according to their respected time frames. All events and tasks are displayed accurately with their respective start times, end times. Leap days or daylight savings times do not cause broken time frames.	When the user opens to view a day from the calendar page, the time frames and color differentiated are not matched to what they were originally inputted to.