Overall Test Plan

Our testing approach for the Event Ready web app will follow a comprehensive sequential plan, ensuring that each aspect of the application is thoroughly tested. By focusing on the login and event creation aspects initially, we aim to prioritize the core functionalities of the Event Ready web app and ensure a robust user experience from the outset. The sequential plan follows the user journey, addressing critical functionalities of the application. Additionally, black box testing will be incorporated to evaluate the external behavior of the application, ensuring that it aligns with specified requirements and meets end-user expectations.

Test Case Descriptions

LGN1.1	**Login Test 1**
LGN1.2	This test will ensure that a user can register a new account.
LGN1.3	Feature will be tested by creating a new account through an existing sign-up page and ensuring the account information is inserted into the database.
LGN1.4	Inputs: First Name, Last Name, Email Address, Password
LGN1.5	Outputs: A user account is saved into the database.
LGN1.6	Normal
LGN1.7	Blackbox
LGN1.8	Functional
LGN1.9	Integration

LGN2.1	**Login Test 2**
LGN2.2	This test will ensure that a user can log in to the web app using credentials that have been saved in the database.
LGN2.3	Feature will be tested by logging into the web application with saved credentials
LGN2.4	Inputs: Existing Email Address and Password.
LGN2.5	Outputs: User can log into the web app and view the landing page.
LGN2.6	Normal
LGN2.7	Blackbox
LGN2.8	Functional
LGN2.9	Integration

LGN3.1	**Login Test 3**
LGN3.2	This test will ensure that a can sign out of the web application.
LGN3.3	Feature will be tested by clicking on the logout button that is on the sidebar.
LGN3.4	Inputs: User clicks the Log Out button.
LGN3.5	Outputs: The user is logged out of the web application and is returned to the Login page
LGN3.6	Normal

Test Plan and Results

LGN3.7   Blackbox
LGN3.8   Functional
LGN3.9   Integration

LGN4.1   **Login Test 4**
LGN4.2   This test will ensure that a user can reset their password
LGN4.3   Feature will be tested by sending a password reset email after Forgot Your Password process is completed
LGN4.4   Inputs: The user clicks the "Forgot Your Password?" link
LGN4.5   Outputs: The user is sent an email with a link to a form to reset their password. Once this is filled out, the user's password should be updated in the database
LGN4.6   Normal
LGN4.7   Blackbox
LGN4.8   Functional
LGN4.9   Integration

EVT5.1   **Event Test 5**
EVT5.2   This test will ensure that a user can create an event
EVT5.3   We will test this by creating an event on the Events Page
EVT5.4   Inputs: Event Name. This is the only mandatory field
EVT5.5   Outputs: The user will be able to see an event created with the name of the event given by the user.
EVT5.6   Normal
EVT5.7   Blackbox
EVT5.8   Functional
EVT5.9   Unit

EVT6.1   **Event Test 6**
EVT6.2   This test will ensure a user can correctly edit the general information of an Event.
EVT6.3   We plan to test this by already having general information of a preexisting event saved, and then attempt to edit those entries such as location, time, name of the event etc.
EVT6.4   Inputs: Clicking on the (pencil icon) edit button on the top right
EVT6.5   Outputs: An edited general information of an event being displayed on the screen (which was different from the one before editing it)
EVT6.6   Normal
EVT6.7   Blackbox
EVT6.8   Functional
EVT6.9   Integration

Test Plan and Results

EVT7.1	**Event Test 7**
EVT7.2	This test will ensure a user can create a goal in an event repository.
EVT7.3	This feature will be tested on our goals page though a dialog that asks the user for information. The information the user inputs in the dialog will be sent from the client to the backend, effectively updating the database with the record, letting the user fetch and utilize the data.
EVT7.4	Inputs: Name of goal, due date of goal, task selection (see EVT11)
EVT7.5	Outputs: User can see the newly created goal with a completion percentage ring
EVT7.6	Normal
EVT7.7	Blackbox
EVT7.8	Functional
EVT7.9	Integration

EVT8.1	**Event Test 8**
EVT8.2	This test will ensure a user can correctly edit the created goal of an event.
EVT8.3	This feature will be tested on our goals page though an edit dialog that asks the user for information. The user will right click the respective goal. The user will be given three options: 1) Edit Goal 2) Associate Tasks 3) Delete Goal
EVT8.4	Inputs: Goal and one of three functions, goal information, all tasks (linked and unlinked), goal ID
EVT8.5	Outputs: One of three (newly updated goal, new task association to the goal, or a deleted goal)
EVT8.6	Normal
EVT8.7	Blackbox
EVT8.8	Functional
EVT8.9	Integration

EVT9.1	**Event Test 9**
EVT9.2	This test will ensure a user can create a budget in an event repository.
EVT9.3.	The user should be able to navigate to the budget page and click on the submit button to create a budget. The user can create a budget in the dialogue through a displayed dialogue box asking for more information about the budgeting sections.
EVT9.4	Inputs: The user will input the total budget and be asked to select all the sections they are going to be spending their budget towards to plan the event. Next, a dialogue box is prompted to ask the ser to input the Name, Description, item category, quantity and cost, and the user can add any supporting documents again.
EVT9.5	Outputs: Outputs are the user will successfully create a budget in the evet repository.

Test Plan and Results

EVT9.6   Normal
EVT9.7   Blackbox
EVT9.8   Functional
EVT9.9   Integration

EVT10.1   **Event Test 10**
EVT10.2   This test will ensure a user can correctly edit the budget information of an
            event.
EVT10.3   The user should be able to edit the budget page successfully by clicking on the
            pencil shaped button to edit any section of the budget from the previously created
            sections.
EVT10.4   Inputs: Can change any - Name, description, item category, quantity and cost, and
            any supported documents and commit these changes.
EVT10.5   Outputs: Should be able to edit the total budget as well as any sections they
            added.
EVT10.6   Normal
EVT10.7   Blackbox
EVT10.8   Functional
EVT10.9   Integration

EVT11.1   **Event Test 11**
EVT11.2   This test will ensure a user can create tasks in an event repository.
EVT11.3   We plan to test this feature by having a user click on the "Create Task" button
            and that leads to a pop-up form with entries for a new task.
EVT11.4   Inputs: User clicks on the "Create Task" button and then fills out the task
            entries.
EVT11.5   Outputs: User can see the newly created task under "To Do" section.
EVT11.6   Normal
EVT11.7   Blackbox
EVT11.8   Functional
EVT11.9   Integration

EVT12.1   **Event Test 12**
EVT12.2   This test will ensure a user can correctly edit the tasks of an event.
EVT12.3   The user should be able to edit the tasks of an event by using the edit feature
            that is on the task
EVT12.4   Inputs: The user clicks on the edit icon on the desired task that needs to be
            edited
EVT12.5   Outputs: The user will be able to edit the fields on the task dialog box
EVT12.6   Normal
EVT12.7   Blackbox

Test Plan and Results

EVT12.8   Functional
EVT12.9   Unit

Test Case Matrix

	Normal/ Abnormal	Blackbox/ Whitebox	Functional/Perf ormance	Unit/ Integration
LGN 1	Normal	Blackbox	Functional	Integration
LGN 2	Normal	Blackbox	Functional	Integration
LGN 3	Normal	Blackbox	Functional	Integration
LGN 4	Normal	Blackbox	Functional	Integration
EVT 1	Normal	Blackbox	Functional	Integration
EVT 2	Normal	Blackbox	Functional	Integration
EVT 3	Normal	Blackbox	Functional	Integration
EVT 4	Normal	Blackbox	Functional	Integration
EVT 5	Normal	Blackbox	Functional	Unit
EVT 6	Normal	Blackbox	Functional	Integration
EVT 7	Normal	Blackbox	Functional	Integration
EVT 8	Normal	Blackbox	Functional	Integration
EVT 9	Normal	Blackbox	Functional	Integration
EVT 10	Normal	Blackbox	Functional	Integration
EVT 11	Normal	Blackbox	Functional	Integration
EVT 12	Normal	Blackbox	Functional	Unit