### **1. Login Functionality**

#### **Test Case 1.1: Valid Login**

* **Test Description**: Verify that users can log in with valid credentials.
* **Steps to Reproduce**:
  1. Go to [CiviCRM Login Page](https://online-qa-test.ccdemo.site/).
  2. Enter valid username: civicrm\_user.
  3. Enter valid password: civicrm\_user.
  4. Click the **Login** button.
* **Expected Result**: User is redirected to the dashboard without any errors.
* **Actual Result**: Confirm whether the user is logged in successfully.

#### **Test Case 1.2: Invalid Login**

* **Test Description**: Verify that login fails with invalid credentials.
* **Steps to Reproduce**:
  1. Go to the login page.
  2. Enter invalid username: wrong\_user.
  3. Enter invalid password: wrong\_password.
  4. Click the **Login** button.
* **Expected Result**: An error message is displayed indicating invalid credentials.
* **Actual Result**: Confirm whether the error message appears and login is denied.

### **2. Contact Management**

#### **Test Case 2.1: Add New Contact**

* **Test Description**: Verify that a new contact can be added.
* **Steps to Reproduce**:
  1. Log in to the dashboard.
  2. Navigate to **Contacts** > **New Individual**.
  3. Fill in the required fields (e.g., First Name, Last Name, Email).
  4. Click **Save**.
* **Expected Result**: The new contact is added and listed in the contact database.
* **Actual Result**: Confirm if the contact appears in the contact list.

#### **Test Case 2.2: Search for Contact**

* **Test Description**: Verify that contacts can be searched and found.
* **Steps to Reproduce**:
  1. Navigate to **Contacts** > **Find Contacts**.
  2. Enter the contact name or email in the search box.
  3. Click **Search**.
* **Expected Result**: The contact is displayed in the search results.
* **Actual Result**: Verify if the contact appears in the search results.

#### **Test Case 2.3: Edit Contact**

* **Test Description**: Verify that contact information can be edited.
* **Steps to Reproduce**:
  1. Search for a contact.
  2. Click on the contact's name to view details.
  3. Click **Edit** and change some details (e.g., Email).
  4. Click **Save**.
* **Expected Result**: Changes are saved, and updated information is reflected.
* **Actual Result**: Confirm if the changes appear on the contact detail page.

### **3. Relationship Management**

#### **Test Case 3.1: Add Relationship**

* **Test Description**: Verify that a relationship between contacts can be added.
* **Steps to Reproduce**:
  1. Go to a contact's detail page.
  2. Click **Relationships** > **Add Relationship**.
  3. Select relationship type (e.g., "Employee of") and related contact.
  4. Click **Save**.
* **Expected Result**: The relationship is added and displayed in the contact's relationship section.
* **Actual Result**: Check if the new relationship appears under the contact's relationships.

#### **Test Case 3.2: Edit Relationship Dates**

* **Test Description**: Verify that start and end dates for a relationship can be edited.
* **Steps to Reproduce**:
  1. Go to a contact's relationship section.
  2. Click **Edit** on an existing relationship.
  3. Change the start or end date.
  4. Click **Save**.
* **Expected Result**: Updated dates should be reflected in the relationship details.
* **Actual Result**: Confirm if the date changes are saved.

#### **Test Case 3.3: Validate Relationship Status**

* **Test Description**: Ensure that relationships are marked as active or inactive based on dates.
* **Steps to Reproduce**:
  1. Create a relationship with a past start date and a future end date.
  2. Create another relationship with both past start and end dates.
  3. Check the status of each relationship.
* **Expected Result**: The first relationship should be active, and the second should be inactive.
* **Actual Result**: Verify if the status is correctly assigned.

### **4. Event Management**

#### **Test Case 4.1: Create Event**

* **Test Description**: Verify that an event can be created successfully.
* **Steps to Reproduce**:
  1. Go to **Events** > **New Event**.
  2. Fill in the event details (e.g., Event Title, Start Date, End Date).
  3. Click **Save**.
* **Expected Result**: The event is created and listed in the events list.
* **Actual Result**: Confirm if the event is listed correctly.

#### **Test Case 4.2: Register for Event**

* **Test Description**: Verify that users can register for an event.
* **Steps to Reproduce**:
  1. Navigate to the events list.
  2. Click on the event title.
  3. Click **Register** and complete the registration form.
  4. Click **Submit**.
* **Expected Result**: The user is registered, and a confirmation is displayed.
* **Actual Result**: Confirm if registration is successful and a confirmation message appears.

### **5. Reporting and Data Import**

#### **Test Case 5.1: Generate Report**

* **Test Description**: Verify that reports can be generated.
* **Steps to Reproduce**:
  1. Go to **Reports** > **Create New Report**.
  2. Select a report template (e.g., Contact Summary Report).
  3. Configure report settings and click **Preview**.
* **Expected Result**: The report is generated and displayed.
* **Actual Result**: Confirm if the report is generated with correct data.

#### **Test Case 5.2: Import Contacts via CSV**

* **Test Description**: Verify that contacts can be imported via a CSV file.
* **Steps to Reproduce**:
  1. Go to **Contacts** > **Import Contacts**.
  2. Upload a CSV file with valid data.
  3. Map the fields and complete the import process.
* **Expected Result**: Contacts are imported and listed in the contact database.
* **Actual Result**: Confirm if the contacts are correctly imported.

#### **Test Case 5.3: Data Export**

* **Test Description**: Verify that contact data can be exported.
* **Steps to Reproduce**:
  1. Go to **Contacts** > **Export Contacts**.
  2. Select contacts and choose the export format (e.g., CSV).
  3. Click **Export**.
* **Expected Result**: A CSV file with the selected contacts' data is downloaded.
* **Actual Result**: Check if the export file contains accurate data.

### **6. User Management and Permissions**

#### **Test Case 6.1: Create New User**

* **Test Description**: Verify that a new user can be created.
* **Steps to Reproduce**:
  1. Go to **Administer** > **Users and Permissions** > **New User**.
  2. Fill in user details (e.g., Username, Email, Password).
  3. Click **Save**.
* **Expected Result**: The new user is created and can log in.
* **Actual Result**: Confirm if the new user can log in successfully.

#### **Test Case 6.2: Edit User Permissions**

* **Test Description**: Verify that user permissions can be modified.
* **Steps to Reproduce**:
  1. Go to **Administer** > **Users and Permissions** > **Manage Roles**.
  2. Select a role and modify permissions.
  3. Save changes.
* **Expected Result**: Permissions are updated, and users with that role have modified access.
* **Actual Result**: Verify if permission changes reflect correctly for the users.

### **7. System Settings and Configuration**

#### **Test Case 7.1: Configure System Settings**

* **Test Description**: Verify that system settings can be configured.
* **Steps to Reproduce**:
  1. Go to **Administer** > **System Settings** > **General Settings**.
  2. Modify settings such as site name or time zone.
  3. Click **Save**.
* **Expected Result**: Changes are saved, and the system settings are updated.
* **Actual Result**: Confirm if the settings changes are applied.

#### **Test Case 7.2: Scheduled Jobs Functionality**

* **Test Description**: Verify that scheduled jobs can be created and run.
* **Steps to Reproduce**:
  1. Go to **Administer** > **System Settings** > **Scheduled Jobs**.
  2. Create a new scheduled job (e.g., send email reminders).
  3. Save and run the job.
* **Expected Result**: The job runs successfully, performing the intended action.
* **Actual Result**: Verify if the job executes correctly and performs the expected task