**Manual Exploration**

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**Test Case:** Student Registration Form

**Test Case ID:** TC-001

**Test Case Title:** Student Registration Form

**Objective:** To verify that users can successfully submit the registration form with valid information.

**Preconditions:**

1. The user is on the registration page.
2. All mandatory fields are filled with valid information.

**Test Steps:**

**Step 1:** Navigate to the registration page of the website.

**Step 2:** Enter valid information into all mandatory fields:

First Name, Last Name, Email, Gender, Mobile Number, Date of Birth, Subject, Hobbies, Picture, Current Address, State and City.

**Step 3:** Click on the "Submit" button.

**Step 4:** Wait for the confirmation message or redirection to a new page.

**Expected Results:**

* The registration form should be submitted successfully.
* If successful, a confirmation message should be displayed, indicating that the registration was successful.
* The user should be redirected to the homepage or a new page confirming their registration.

**Pass Criteria:** The registration form is submitted successfully, and the user receives confirmation of their registration.

**Fail Criteria:** The registration form fails to submit, or an error message is displayed indicating a failure in registration.

**Notes:**

* Ensure that all fields are correctly validated, and appropriate error messages are displayed for invalid inputs.
* Test the scenario of submitting the form with incomplete or invalid information to ensure proper error handling.

**Attachments:** (If applicable, attach screenshots or additional documents related to this test case.)

**Test Case:** Mandatory Field Validation

**Test Case ID:** TC-002

**Test Case Title:** Mandatory Field Validation

**Objective:** To verify that the mandatory field validation works correctly, preventing the submission of the form with missing mandatory information.

**Preconditions:**

1. The user is on the registration page.
2. All other fields are filled with valid information except for the mandatory field.

**Test Steps:**

* Navigate to the registration page of the website.
* Enter valid information into all fields except the mandatory field.
* Attempt to submit the form.

**Expected Results:**

* The registration form should not be submitted.
* An error message should be displayed next to the mandatory field, indicating that it is required.
* The system should prevent submission until the mandatory field is filled.
* Pass Criteria: The form is not submitted, and the system correctly identifies the mandatory field as missing.

**Fail Criteria:** The form is submitted successfully despite the mandatory field being empty, or the error message is not displayed.

**Notes:**

* Test different scenarios of attempting to submit the form with the mandatory field empty to ensure consistent validation.
* Verify that the error message is clear and informative, guiding the user to fill in the mandatory field.

**Attachments:** (If applicable, attach screenshots or additional documents related to this test case.)

**Test Case:** Email Validation

**Test Case ID:** TC-003

**Test Case Title:** Email Validation

**Objective:** To verify that the email field accepts only valid email addresses and displays appropriate error messages for invalid inputs.

**Preconditions:**

1. The user is on the registration page.
2. The email field is empty or contains an invalid email address.

**Test Steps:**

* Navigate to the registration page of the website.
* Enter an email address into the email field:
* Use a valid email address format (e.g., example@email.com).
* Use an invalid email address format (e.g., example.com).
* Leave the email field empty.
* Attempt to submit the form.

**Expected Results:**

1. For a valid email address:
   * 1. The email address is accepted.
     2. No error message is displayed next to the email field.
2. For an invalid email address:
   * 1. The email address is not accepted.
     2. An error message is displayed next to the email field, indicating that the email address is invalid.
3. For an empty email field:
   * 1. The form is not submitted.
     2. An error message is displayed next to the email field, indicating that it is required.

**Pass Criteria:**

* Valid email addresses are accepted.
* Invalid email addresses are rejected with appropriate error messages.
* The form cannot be submitted with an empty email field.

**Fail Criteria:**

* Valid email addresses are rejected.
* Invalid email addresses are accepted.
* The form can be submitted with an empty email field.

**Notes:**

* Test different scenarios of email input, including valid, invalid, and empty inputs.
* Ensure that the email validation covers various edge cases, such as special characters, multiple "@" symbols, and unusual domain formats.

**Attachments:** (If applicable, attach screenshots or additional documents related to this test case.)

**Test Case:** Import Picture Option

**Test Case ID:** TC-004

**Test Case Title:** Import Picture Option

**Objective:** To verify that users can successfully import a picture using the "Import Picture" option and that the imported picture is displayed correctly.

**Preconditions:**

1. The user is logged into the website/application.
2. The "Import Picture" option is accessible and functional.

**Test Steps:**

1. Navigate to the profile or settings page where the "Import Picture" option is located.
2. Click on the "Import Picture" option.
3. Select a picture file from the local system using the file picker dialog.
4. Confirm the selection and attempt to import the picture.
5. Wait for the picture to be processed and displayed on the profile/settings page.

**Expected Results:**

* The picture is successfully imported and displayed on the profile/settings page.
* The imported picture appears in the designated area without distortion or loss of quality.
* If applicable, the picture file format and size limitations are enforced, and appropriate error messages are displayed if the selected file does not meet the requirements.
* The user interface provides feedback (e.g., loading spinner, progress bar) during the import process, indicating that the picture is being processed.

**Pass Criteria:**

* The imported picture is displayed correctly without any errors.
* The import process completes successfully within a reasonable timeframe.
* The user receives appropriate feedback during the import process.

**Fail Criteria:**

* The picture fails to import, and an error message is displayed.
* The imported picture appears distorted or corrupted.
* The import process takes an unreasonably long time, indicating a performance issue.

**Notes:**

* Test the "Import Picture" option with different file formats (e.g., JPEG, PNG) and sizes to ensure compatibility and performance.
* Verify that the imported picture is properly aligned and sized within the designated area on the profile/settings page.
* If applicable, test the functionality to replace or remove the imported picture after it has been uploaded.

**Attachments:**

* (Optional) Screenshots or additional documents related to this test case.

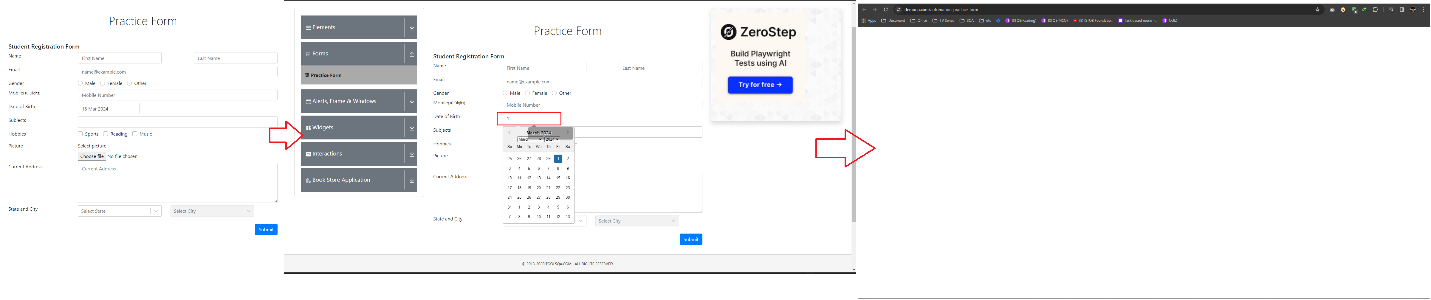
**Bugs:**

**Issue 1:**

Removing the date of birth the page becomes blank.

**Description:**

While removing the pre-inserted date of birth from the “Date of Birth” field, the page becomes blank (White) as a result it is not possible for a user to go back. The user needs to reload the page.



**Step to reproduce:**

Navigate to the “Student Registration Form”

Remove the Date from “Date of Birth” field and observe.

**Expected Result:**

* The field should become empty and the user will able to enter a new date.

**Actual Result:**

* The page is becoming blank and no way to fill up the form.

**Note For Finding Bugs:**

Testing is context dependent so, without a document it is not possible to determine weather it is a bug or a feature.

For example, Phone number, based on the country the digit can change. Based on our country the digit should be 11. But based on the SRS if the form is created for a different country the digit can vary. It can be both a bug or a business rule.