Bug 1: Mandatory Fields Lack Indication Before Submission

- **Bug ID:** BUG001
- **Severity:** Medium
- **Priority:** High
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps
- **Issue:** Required fields (First Name, Last Name, Email, Gender, Mobile) do not indicate they are mandatory before submission. The red border appears only after attempting to submit.
- **Steps to Reproduce:**
  1. Open the form.
  2. Observe the labels for First Name, Last Name, Email, Gender, and Mobile.
  3. Try submitting the form without filling them in.
  4. Notice that only after submission, a red border appears.
- **Expected Result:** There should be a visible indication (e.g., an asterisk '*' or tooltip) before submission.
- **Actual Result:** No prior indication, making it unclear which fields are mandatory.
- **Suggested Fix:** Add an asterisk (*) or a placeholder message to indicate required fields.

Figure 1

Figure 2

Figure 3

Bug 2: Name Fields Accept Only Spaces

- **Bug ID:** BUG002
- **Severity:** High
- **Priority:** High
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps

- **Issue:** The form allows submission when First Name and Last Name contain only spaces.
- **Steps to Reproduce:**
    1. Enter spaces in the First Name and Last Name fields.
    2. Submit the form.
- **Expected Result:** An error message should prevent submission when only spaces are entered.
- **Actual Result:** Form accepts spaces without validation.
- **Suggested Fix:** Implement a validation rule to prevent names consisting only of spaces.

Figure 4

Figure 5

Figure 6

Figure 7

Figure 8

Figure 9

Bug 3: Name Fields Accept Special Characters Without Alphabets

- **Bug ID:** BUG004
- **Severity:** High
- **Priority:** High
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps

- **Issue:** The form allows submission when First Name and Last Name consist only of special characters or numbers, without any alphabetical characters.
- **Steps to Reproduce:**
  1. Enter "@#$%^&" or "123456" in the First Name or Last Name field.
  2. Submit the form.
- **Expected Result:** Names should require at least one alphabetical character.
- **Actual Result:** The form accepts names with only special characters or numbers and allows submission.
- **Suggested Fix:** Implement a regex validation rule ensuring at least one alphabet (A-Z or a-z) is present before allowing submission.
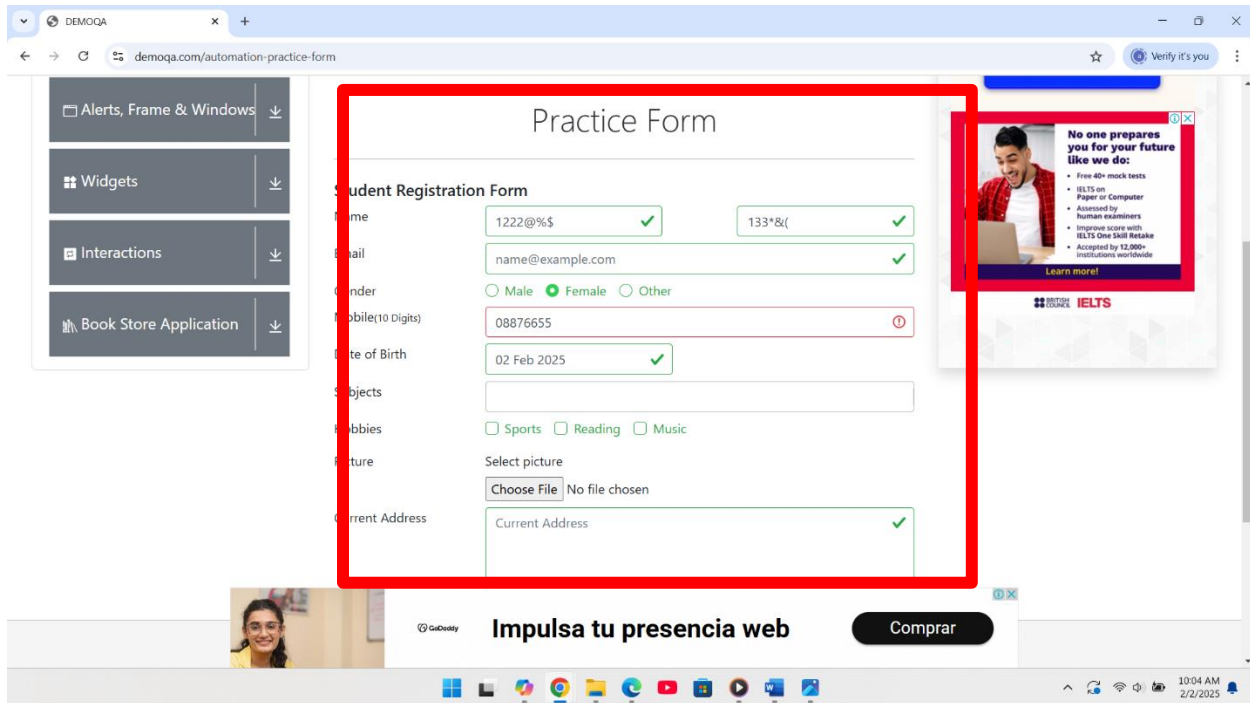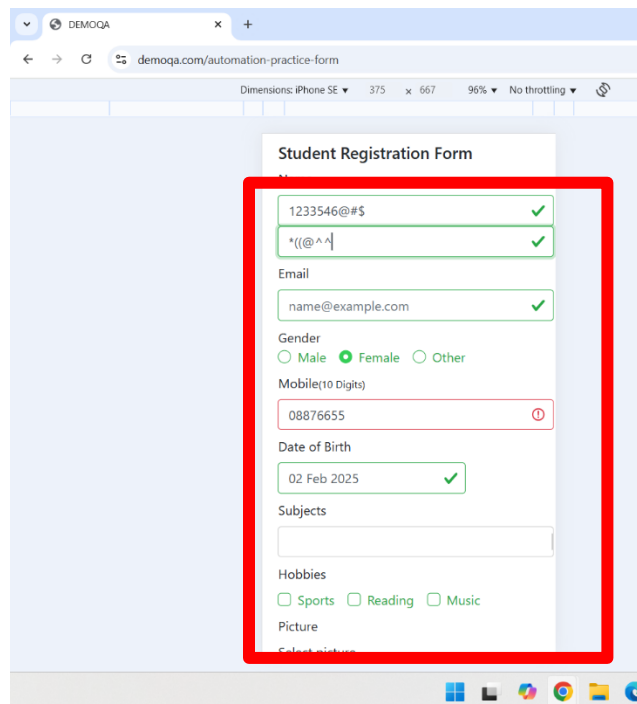
Figure 10

Figure 11

Bug 4: Web Form Allows Multiple Spaces in Name Field

- **Bug ID:** BUG005
- **Severity:** Medium
- **Priority:** Medium
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps

- **Issue:** The form allows multiple consecutive spaces in the First Name and Last Name fields without validation.
- **Steps to Reproduce:**
  1. Enter "Mary Jane" (multiple spaces) in the First Name or Last Name field.
  2. Submit the form.
- **Expected Result:** The form should trim excessive spaces while allowing a single space between words.
- **Actual Result:** The form accepts multiple consecutive spaces in the name field.
- **Suggested Fix:** Implement a validation rule to allow only a single space between words while trimming leading and trailing spaces.

Figure 12

Figure 13

Bug 5: Date of Birth Field Allows Future Dates

- **Bug ID:** BUG006
- **Severity:** High
- **Priority:** High
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps

- **Issue:** Users can select a birth date in the future.
- **Steps to Reproduce:**
  1. Open the Date of Birth field.
  2. Select a future date.
  3. Submit the form.
- **Expected Result:** The form should restrict future dates.
- **Actual Result:** The form allows users to select and submit a future date.
- **Suggested Fix:** Implement a date validation rule that prevents selecting dates beyond the current date.
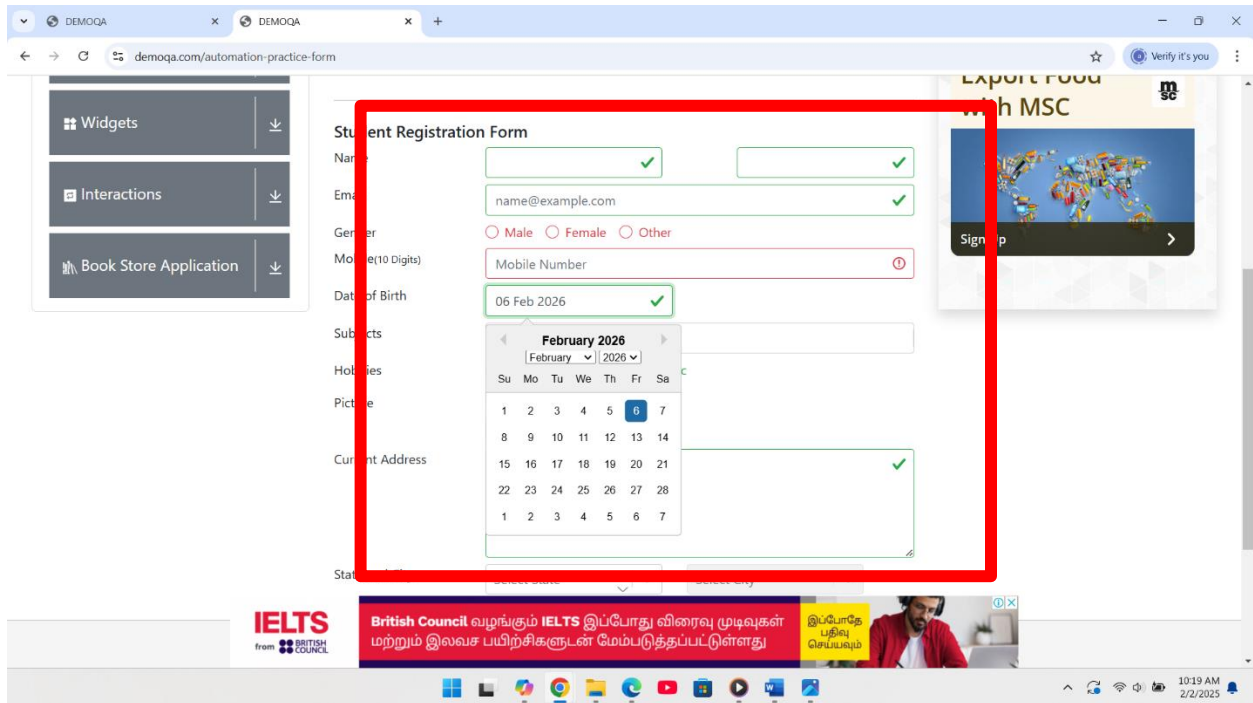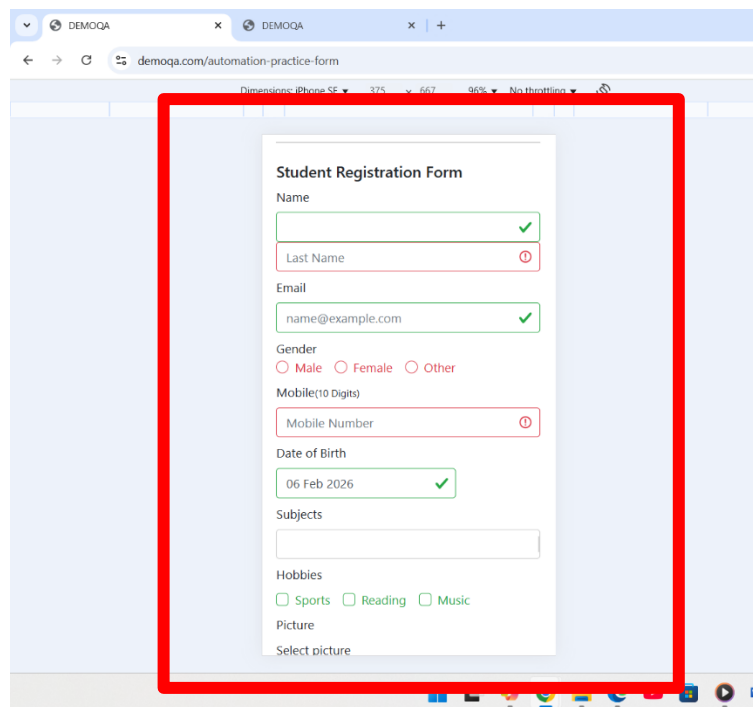
Figure 14

Figure 15

Bug 6: Misaligned Name Fields in Mobile View (iPhone SE)

- **Bug ID:** BUG007
- **Severity:** Low
- **Priority:** Low
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps

- **Issue:** In iPhone SE view, First Name and Last Name fields are positioned one below the other with no gap, making it visually unappealing.
- **Steps to Reproduce:**
  1. Open the form in an iPhone SE-sized viewport (375px width).
  2. Observe the First Name and Last Name fields.
  3. Notice that the fields appear one below the other with no spacing in between.
- **Expected Result:** There should be proper spacing between the First Name and Last Name fields for better usability.
- **Actual Result:** The fields are stacked with no gap, making it difficult to distinguish between them.
- **Suggested Fix:** Add proper margin or padding between the fields to enhance UI consistency.
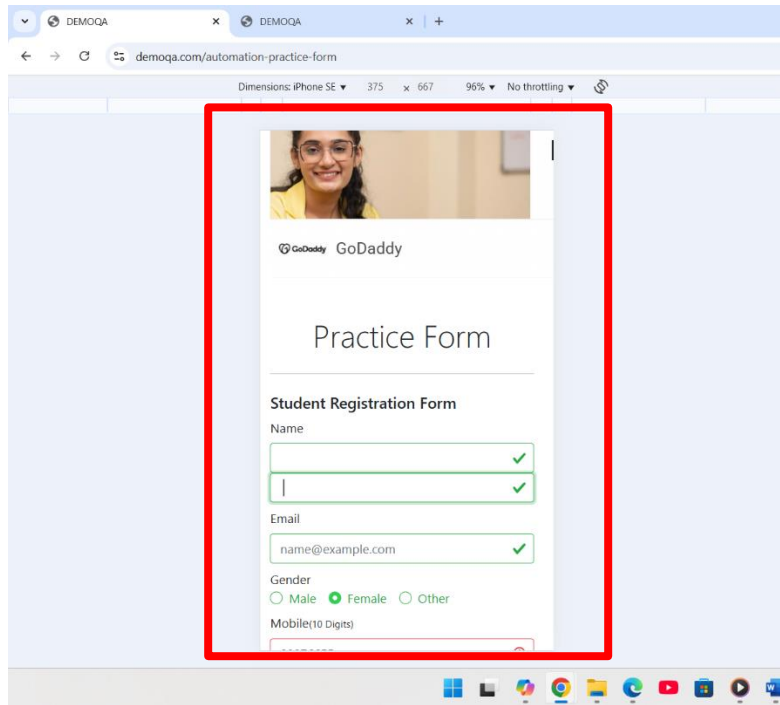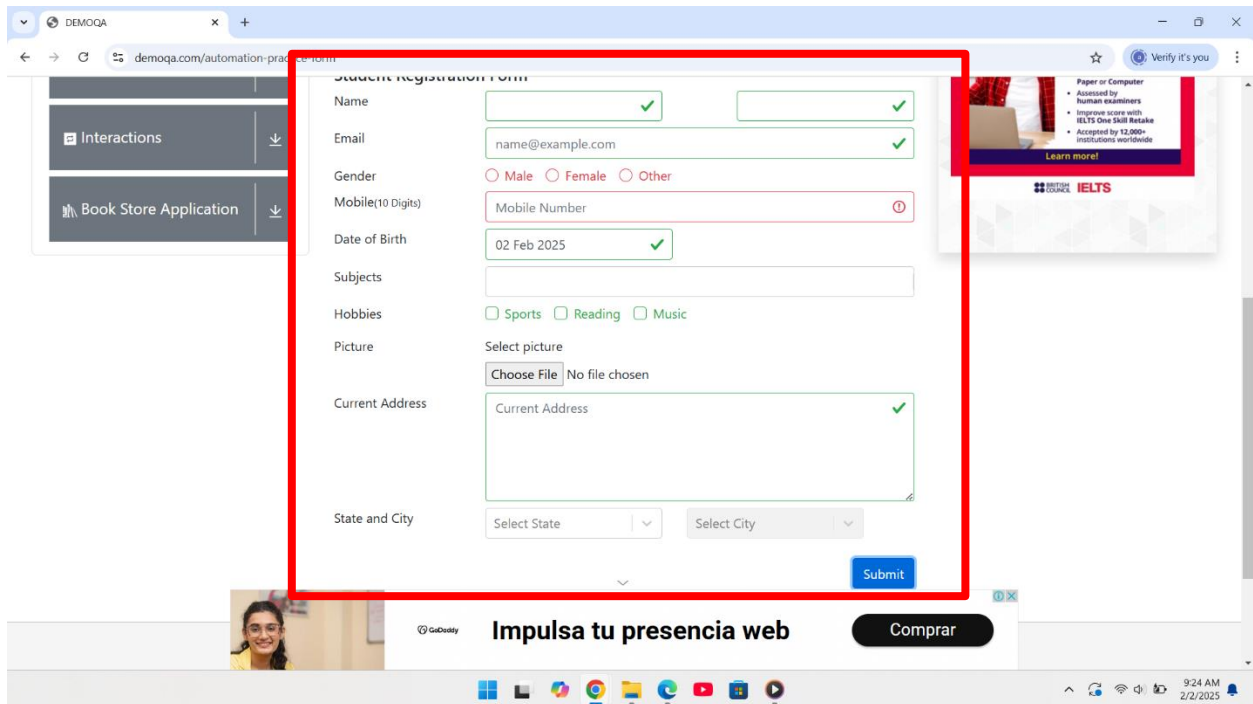
Figure 16

Figure 17

Bug 7: City Selection Not Updating When Changing State

- **Bug ID:** BUG008
- **Severity:** High
- **Priority:** High
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps

- **Issue:** When a user selects a State and then a City, changing the State does not reset the City field, allowing submission with an invalid City-State combination.
- **Steps to Reproduce:**
  1. Select a State from the dropdown.
  2. Select a City that belongs to the selected State.
  3. Change the State selection to a different one.
  4. Observe that the previously selected City remains unchanged.
  5. Submit the form.
- **Expected Result:** Changing the State should reset the City selection and require the user to pick a valid City for the new State.
- **Actual Result:** The form allows submission with a City from a previously selected State.
- **Suggested Fix:** Implement logic to reset the City field whenever the State is changed, enforcing proper selection.
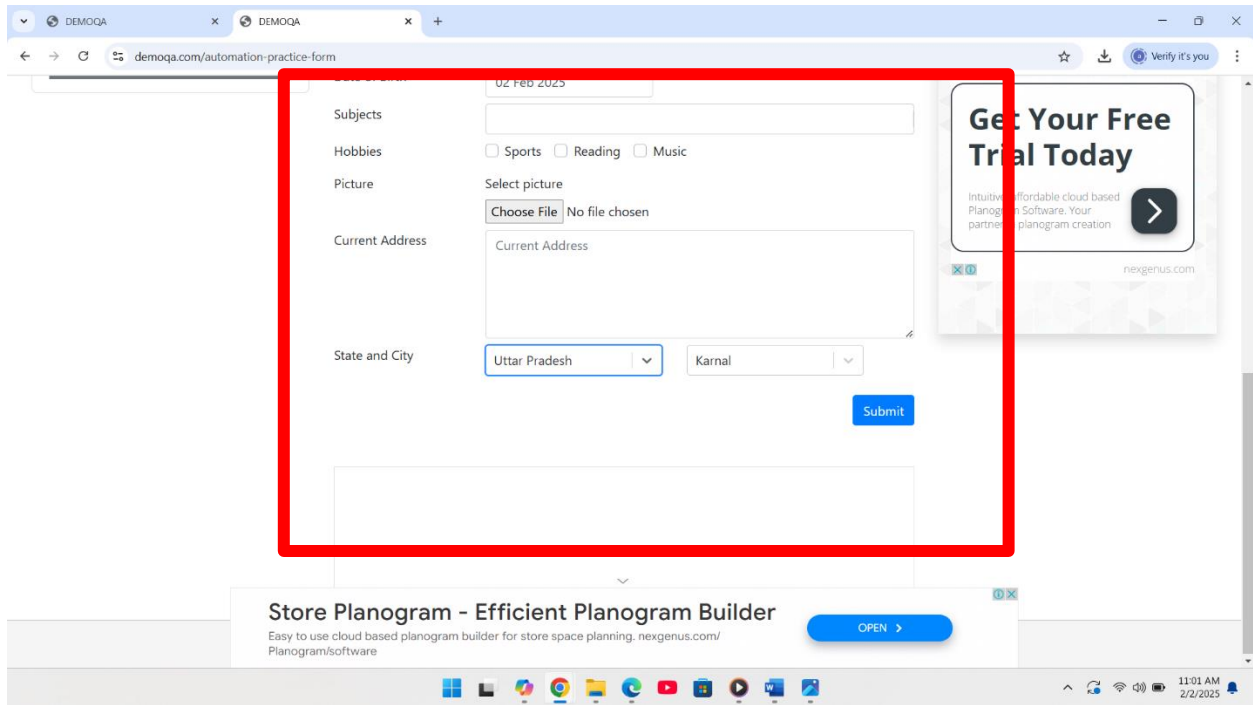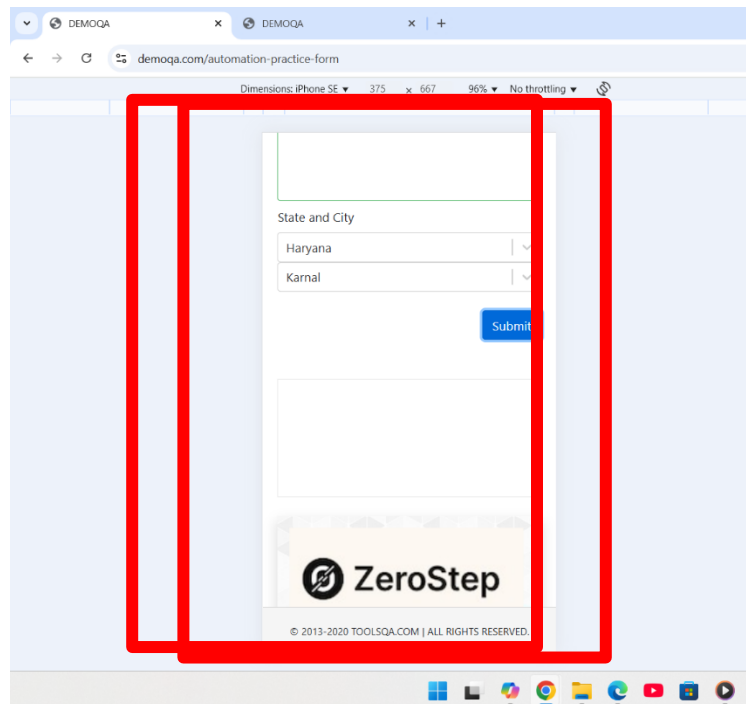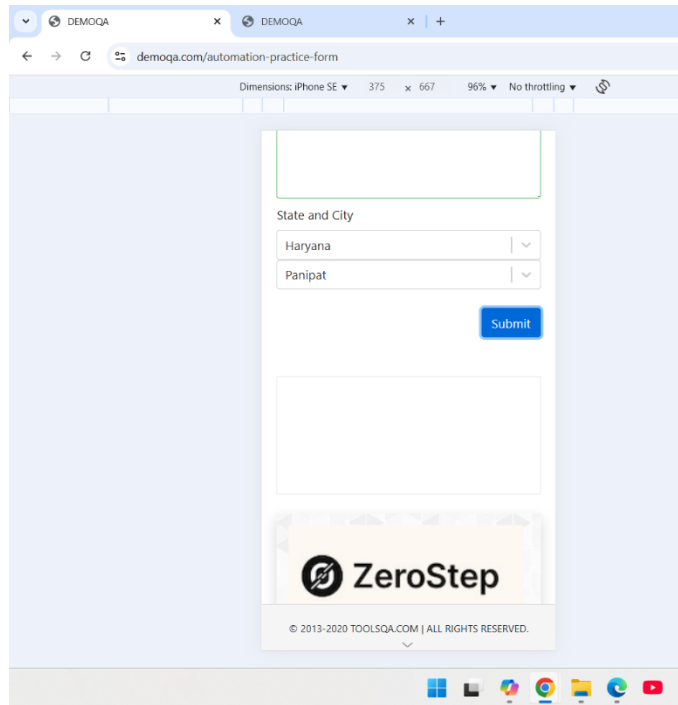
Figure 18

Figure 19

Figure 20

Figure 21

Bug 8: Removing Last Subject Causes Site Crash

- **Bug ID:** BUG009
- **Severity:** Critical
- **Priority:** High
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps

- **Issue:** When removing the only selected subject from the dropdown in the Subjects field, the site crashes.
- **Steps to Reproduce:**
  1. Add a subject from the Subjects dropdown.

2. Remove the subject so the field is empty.
3. Observe that the site crashes.
- **Expected Result:** The site should not crash and should allow an empty Subjects field.
- **Actual Result:** The site crashes upon removing the last selected subject.
- **Suggested Fix:** Implement a check to handle cases where the last subject is removed.
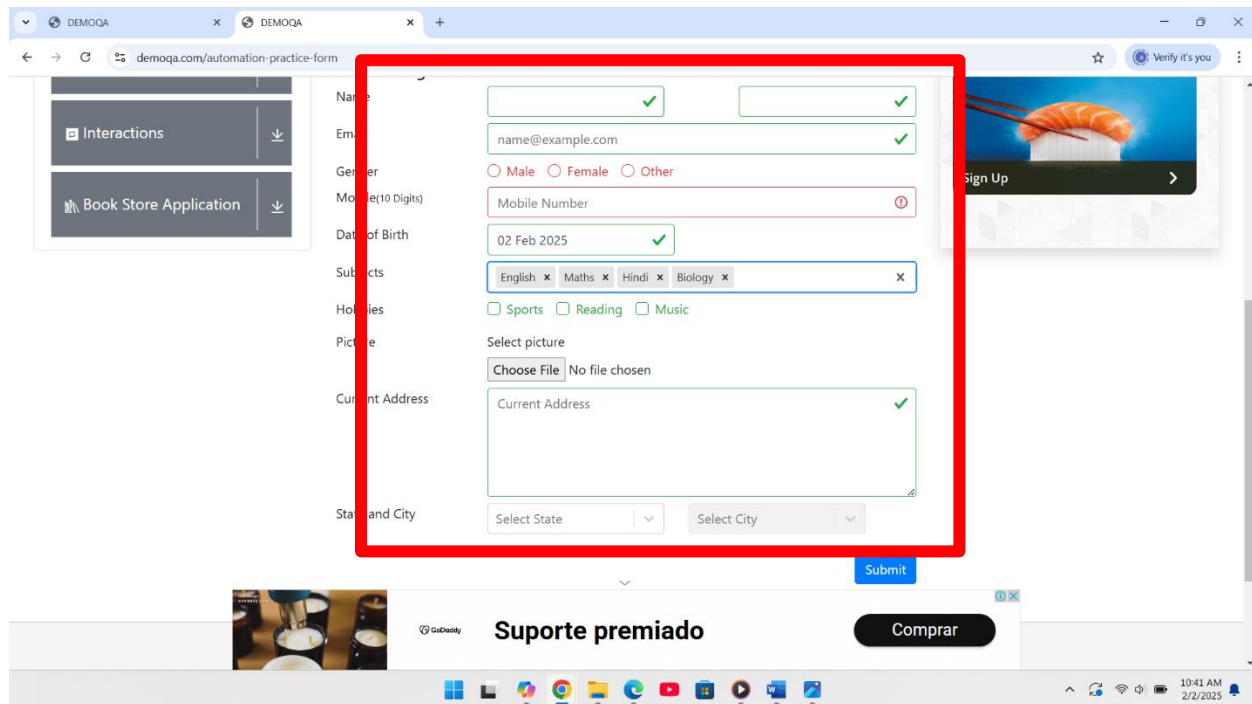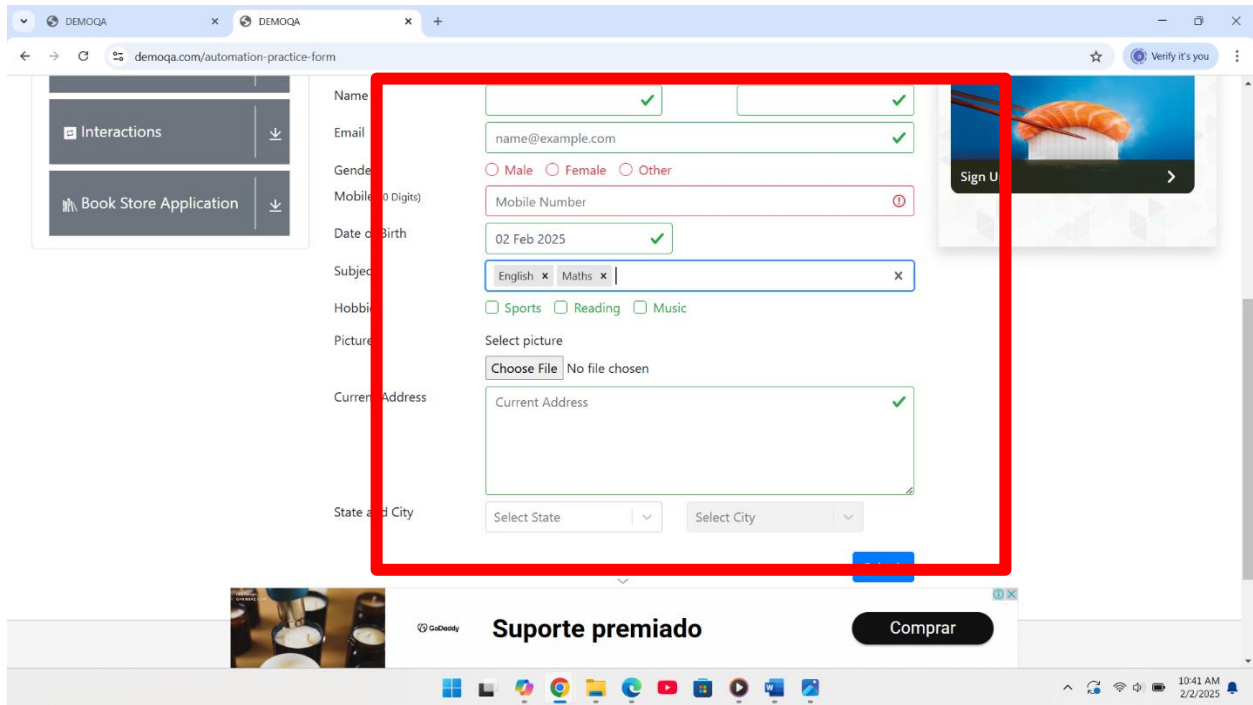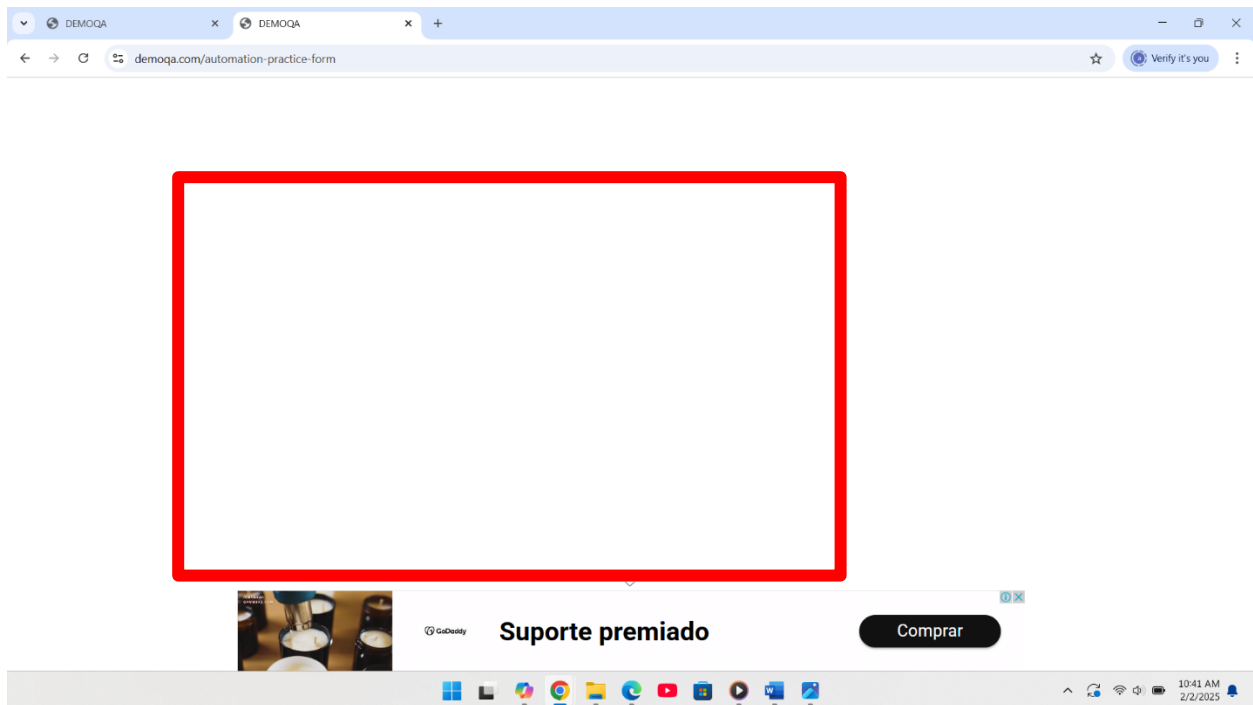

Figure 22
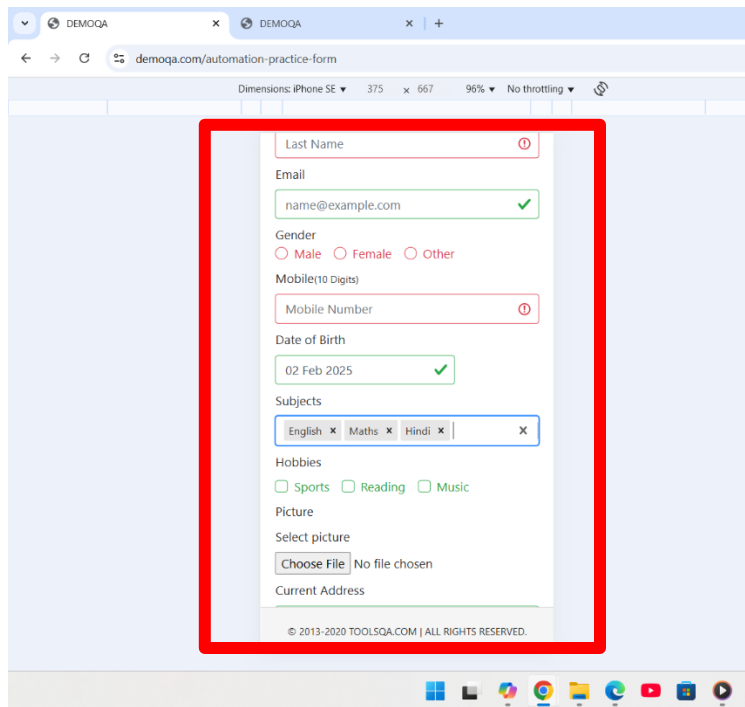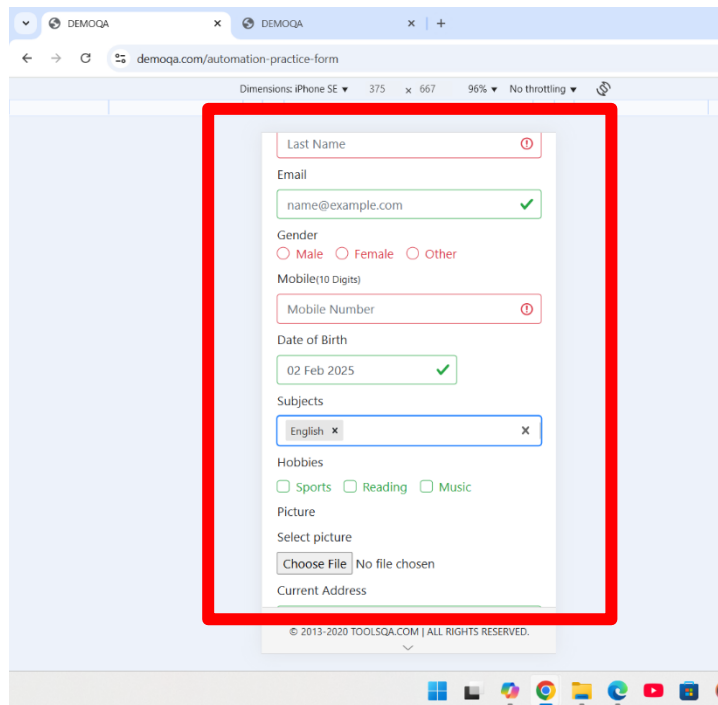
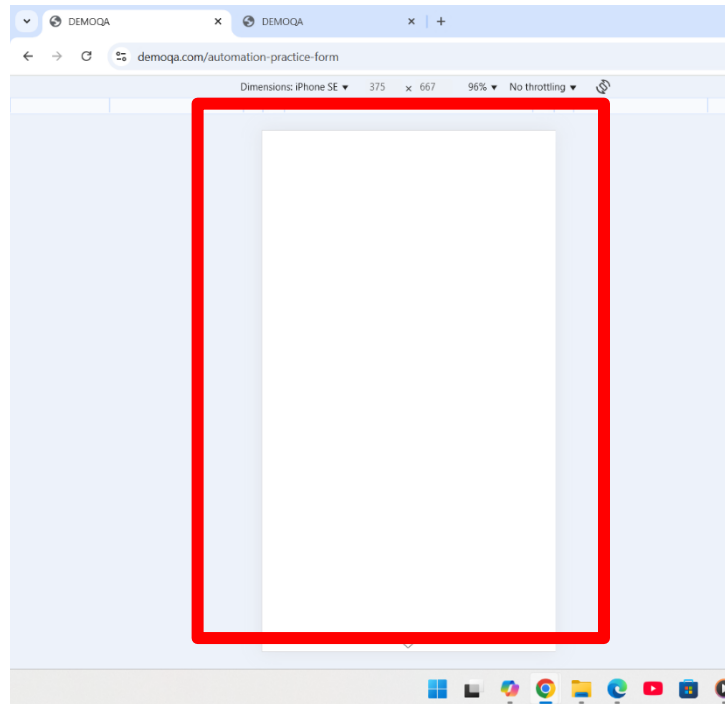*Figure 23*

Figure 24

Figure 25

Figure 26

Figure 27

Bug 9: Clearing Date of Birth Field Crashes the Site

- **Bug ID:** BUG010
- **Severity:** Critical
- **Priority:** High
- **Test Environment**
  Browser: Google Chrome,
  Mobile View:IphoneSE (375x667)
  Device: Laptop (1920x1080 resolution)
  Operating System: Windows 11
  Internet Speed: 50 Mbps

- **Issue:** The Date of Birth field is a date picker, and when the user clears the date manually, the site crashes.
- **Steps to Reproduce:**
  1. Open the Date of Birth field.
  2. Select a date from the date picker.

3. Clear the date manually by deleting the text.
4. Observe that the site crashes.

- **Expected Result:** The site should not crash when clearing the Date of Birth field, and the field should handle empty values gracefully.
- **Actual Result:** The site crashes upon clearing the Date of Birth field.
- **Suggested Fix:** Implement validation and error handling to prevent crashes when the Date of Birth field is cleared.
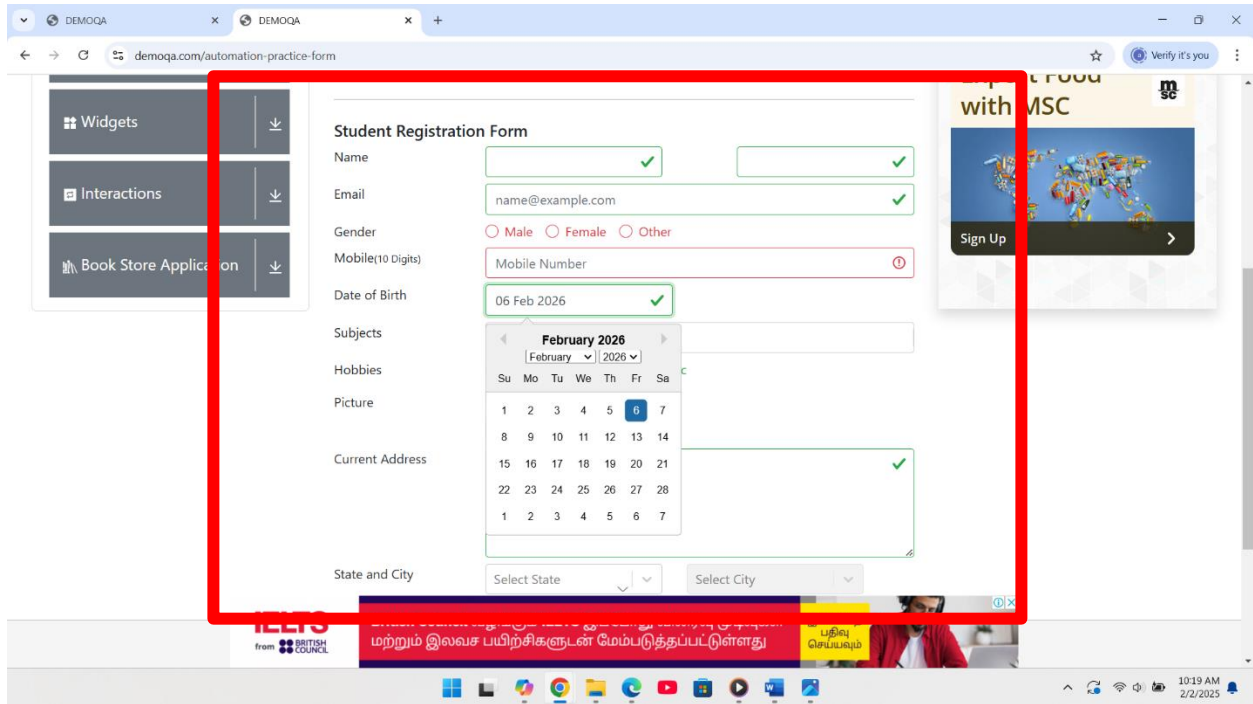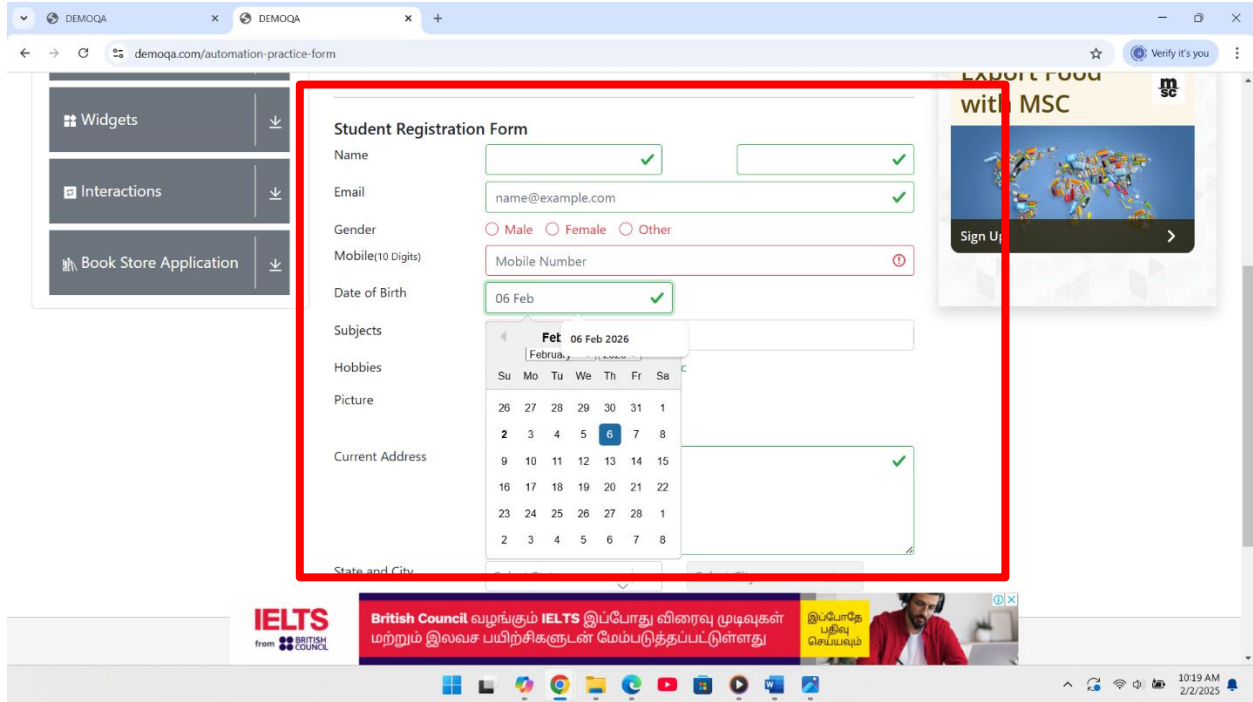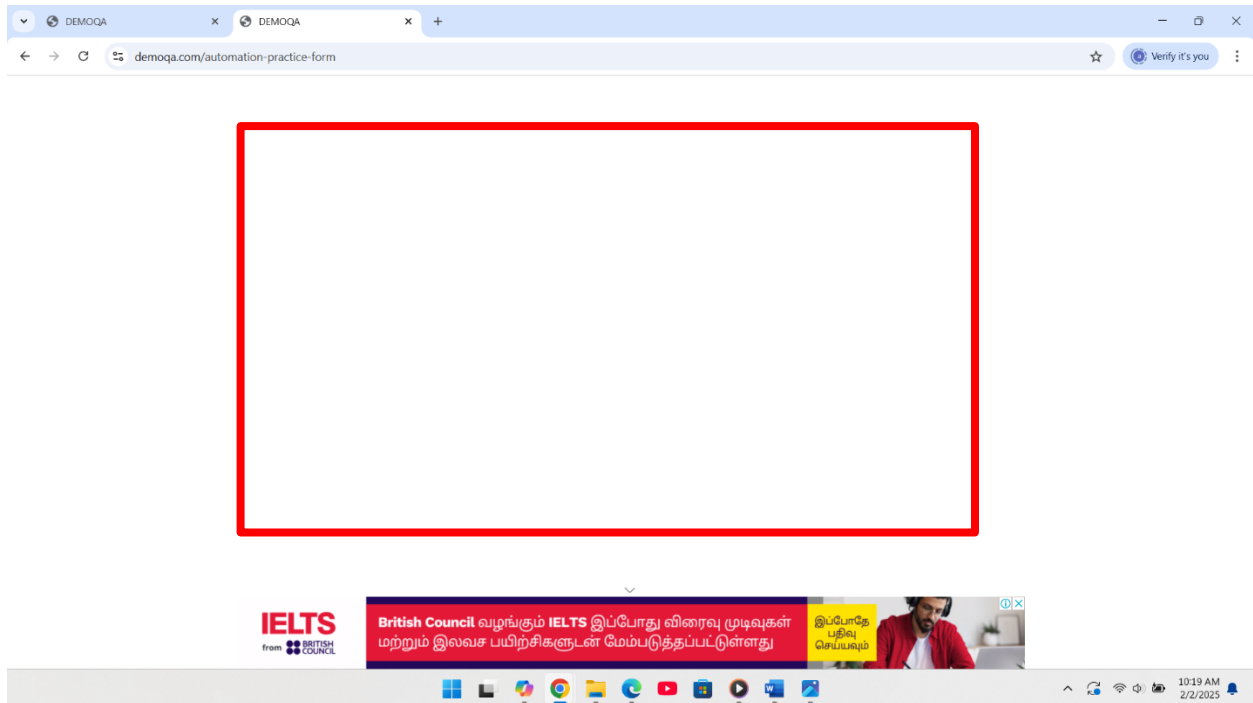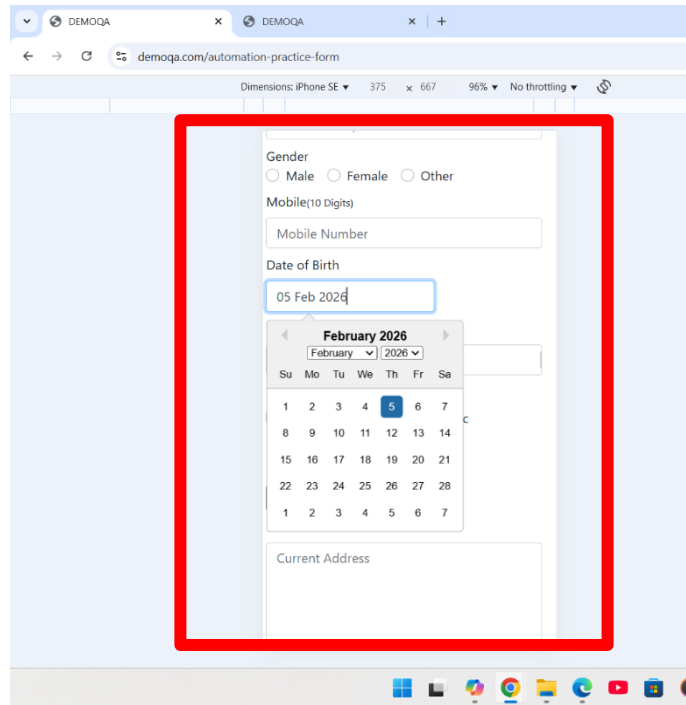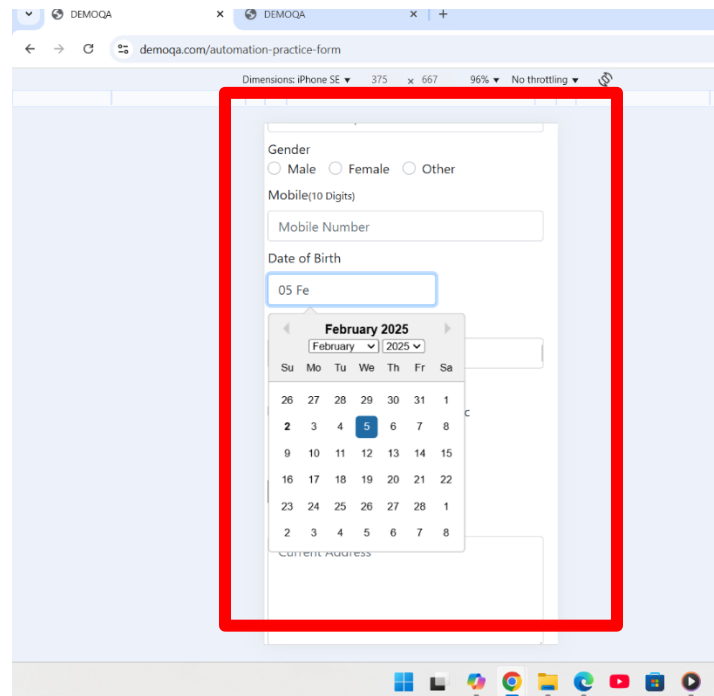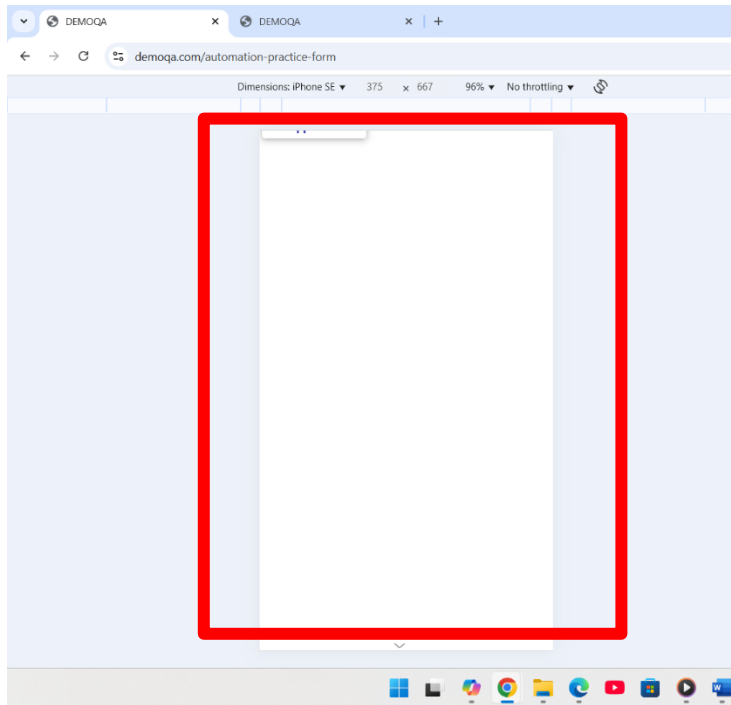

Figure 28

Figure 29

Figure 30

Figure 31

Figure 32

Figure 33