**Valid Bugs**

**🐞 Bug 1: File Upload Field Accepts Executable Files**

* **Title**: File upload functionality lacks restriction on non-image file types
* **Description**:  
  The "Select Picture" field on the form permits uploading of arbitrary file types, including executable files such as .exe, .bat, and .sh. There is no apparent file-type validation implemented on either the client or server side, resulting in a potential security vulnerability.
* **Steps to Reproduce**:
  1. Navigate to <https://demoqa.com/automation-practice-form>
  2. Scroll down to the **"Select Picture"** section
  3. Click on the **"Choose File"** button
  4. In the file explorer, select a non-image file such as malware.bat or test.exe
  5. Click the **Submit** button to complete the form
* **Expected Result**:  
  The form should restrict uploads to specific image MIME types (e.g., .jpg, .jpeg, .png) and display a validation message if an unsupported file type is selected.
* **Actual Result**:  
  The form accepts and processes non-image files without any warning or error.
* **Severity**: High
* **Priority**: High

**🐞 Bug 2: Date of Birth Field Accepts Future Dates**

* **Title**: Date of Birth calendar allows future dates to be selected
* **Description**:  
  The Date of Birth field permits the user to select dates beyond the current date, such as those in the year 2050. This contradicts the logical constraint that a birthdate must precede the current date.
* **Steps to Reproduce**:
  1. Access the form at <https://demoqa.com/automation-practice-form>
  2. Click on the **"Date of Birth"** field to open the calendar widget
  3. Navigate to and select a future date (e.g., **19 April 2050**)
  4. Complete other required fields and submit the form
* **Expected Result**:  
  The calendar widget should restrict selection to past or current dates only and block future dates.
* **Actual Result**:  
  The form accepts future birthdates without error.
* **Severity**: Medium
* **Priority**: Medium

**🐞 Bug 3: Name Fields Accept Only Whitespace Characters**

* **Title**: First Name and Last Name fields accept only space characters
* **Description**:  
  The form allows submission even when the First Name and Last Name fields contain only whitespace characters. This bypass required field validation and may lead to invalid or misleading user data.
* **Steps to Reproduce**:
  1. Visit <https://demoqa.com/automation-practice-form>
  2. Enter **only spaces** (e.g., press the space bar) in both the **First Name** and **Last Name** fields
  3. Fill in the other mandatory fields correctly
  4. Click **Submit**
* **Expected Result**:  
  Fields should be validated to prevent entries consisting solely of whitespace, and a validation error should be displayed.
* **Actual Result**:  
  The form treats whitespace-only values as valid and submits successfully.
* **Severity**: High
* **Priority**: High

**🐞 Bug 4: Special Characters Allowed in Name Fields**

* **Title**: First Name and Last Name fields accept special characters
* **Description**:  
  The form allows special characters such as @, #, !, and ~ in the First Name and Last Name fields, which violates standard naming conventions and could cause issues with data integrity or downstream processing.
* **Steps to Reproduce**:
  1. Navigate to <https://demoqa.com/automation-practice-form>
  2. Enter **K@pil#** in the **First Name** field
  3. Enter **Rok@#$!~** in the **Last Name** field
  4. Fill in the remaining required fields
  5. Submit the form
* **Expected Result**:  
  Special characters should be disallowed, and a validation message should be shown if invalid characters are entered.
* **Actual Result**:  
  The form accepts names with special characters and submits successfully.
* **Severity**: Medium
* **Priority**: High

**🐞 Bug 5: Email Field Accepts Consecutive Dots in Domain**

* **Title**: Invalid email addresses with consecutive dots are accepted
* **Description**:  
  The email validation logic fails to detect and block invalid email formats containing multiple consecutive dots in the domain section, such as user@gmail...com.
* **Steps to Reproduce**:
  1. Go to [https://demoqa.com/automation-practice-form](https://demoqa.com/automation-practice-form" \t "_new)
  2. Enter **user@gmail...com** in the **Email** field
  3. Fill all required fields correctly
  4. Click the **Submit** button
* **Expected Result**:  
  The form should validate the email format and reject addresses containing multiple consecutive dots with an appropriate error message.
* **Actual Result**:  
  The form processes and submits the email without any validation error.
* **Severity**: Medium
* **Priority**: Medium

**🐞 Bug 6: Email Field Accepts Invalid Local Part (Only Dots)**

* **Title**: Email field allows invalid email structure with only dots before the “@”
* **Description**:  
  The form accepts email addresses where the local part consists entirely of dots (e.g., .......@gmail.com), which is not compliant with valid email formatting standards.
* **Steps to Reproduce**:
  1. Visit <https://demoqa.com/automation-practice-form>
  2. Enter **.......@gmail.com** in the **Email** field
  3. Fill out other required fields
  4. Submit the form
* **Expected Result**:  
  Invalid email structures such as this should be rejected, and a clear validation message should be displayed.
* **Actual Result**:  
  The form accepts and submits the invalid email without any error message.
* **Severity**: High
* **Priority**: High