

**TC01: Verify user can successfully submit student registration form with valid data****Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Forms" card
3. Click on "Practice Form"
4. Final URL: <https://demoqa.com/automation-practice-form>

**Test Steps:**

1. Fill in First Name
2. Fill in Last Name
3. Enter Email
4. Select Gender
5. Enter Mobile Number
6. Select Date of Birth
7. Select Subjects
8. Select Hobbies
9. Upload Picture
10. Enter Current Address
11. Select State and City
12. Click Submit
13. Verify success message

**TC02: Verify form displays appropriate validation messages for empty required fields****Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Forms" card
3. Click on "Practice Form"
4. Final URL: <https://demoqa.com/automation-practice-form>

**Test Steps:**

1. Leave all fields empty
2. Click Submit
3. Verify validation messages
4. Fill one required field at a time
5. Verify validation updates

**TC03: Verify email field validates different input formats correctly****Navigation:** Same as TC01**Test Steps:**

1. Enter invalid email formats:
  - without @
  - without domain

- with spaces
  - special characters
2. Verify validation messages for each

#### **TC04: Verify dynamic button state changes and interactions**

##### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Elements" card
3. Click on "Dynamic Properties"
4. Final URL: <https://demoqa.com/dynamic-properties>

##### **Test Steps:**

1. Observe initial button states
2. Wait 5 seconds for enable button
3. Monitor color change
4. Wait for button appearance
5. Verify each state change

#### **TC05: Verify drag and drop functionality handles different scenarios**

##### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Interactions" card
3. Click on "Draggable"
4. Final URL: <https://demoqa.com/droppable>

##### **Test Steps:**

1. Simple tab: Try normal drag and drop
2. Accept tab: Test both acceptable/non-acceptable elements
3. Prevent Propagation tab: Test nested drop targets
4. Revert/Not Revert tab: Test both behaviors

#### **TC06: Verify web table supports CRUD operations**

##### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Elements" card
3. Click on "Web Tables"
4. Final URL: <https://demoqa.com/webtables>

##### **Test Steps:**

1. Add new record
2. Search for record
3. Edit existing record
4. Delete record
5. Verify pagination

## 6. Test sorting

### **TC07: Verify alert handling functionality**

#### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Alerts, Frame & Windows" card
3. Click on "Alerts"
4. Final URL: <https://demoqa.com/alerts>

#### **Test Steps:**

1. Click button for simple alert
2. Click button for 5 second alert
3. Click button for confirm box
4. Click button for prompt box
5. Handle each alert type
6. Verify results

### **TC08: Verify frame navigation and content**

#### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Alerts, Frame & Windows" card
3. Click on "Frames"
4. Final URL: <https://demoqa.com/frames>

#### **Test Steps:**

1. Switch to first frame
2. Verify frame content
3. Switch back to main page
4. Switch to second frame
5. Verify different content

### **TC09: Verify book store search and collection management**

#### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Book Store Application" card
3. Click on "Book Store"
4. Final URL: <https://demoqa.com/books>

#### **Test Steps:**

1. Search for a book
2. Click on a book title
3. Add to collection

4. Go to profile
5. Verify book in collection
6. Remove book
7. Verify deletion

#### **TC10: Verify slider responds to different interactions**

##### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Widgets" card
3. Click on "Slider"
4. Final URL: <https://demoqa.com/slider>

##### **Test Steps:**

1. Move slider by clicking
2. Drag slider to specific value
3. Use keyboard arrows
4. Verify value updates
5. Test min/max values

#### **TC11: Verify progress bar functionality**

##### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Widgets" card
3. Click on "Progress Bar"
4. Final URL: <https://demoqa.com/progress-bar>

##### **Test Steps:**

1. Click Start button
2. Watch progress
3. Click Stop button
4. Verify percentage
5. Click Start to complete
6. Click Reset

#### **TC12: Verify date picker handles selections correctly**

##### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Widgets" card
3. Click on "Date Picker"
4. Final URL: <https://demoqa.com/date-picker>

##### **Test Steps:**

1. Select current date

2. Select future date
3. Select past date
4. Use month/year dropdowns
5. Verify date format

### **TC13: Verify modal dialogs display and close correctly**

#### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Alerts, Frame & Windows" card
3. Click on "Modal Dialogs"
4. Final URL: <https://demoqa.com/modal-dialogs>

#### **Test Steps:**

1. Open small modal
2. Close using X button
3. Open small modal again
4. Close using Close button
5. Open large modal
6. Verify content scrolling
7. Test overlay click

### **TC14: Verify accordion functionality**

#### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Widgets" card
3. Click on "Accordion"
4. Final URL: <https://demoqa.com/accordion>

#### **Test Steps:**

1. Click first section header
2. Verify content displays
3. Click second section
4. Verify first section closes
5. Click third section
6. Verify content and animations

### **TC15: Verify auto-complete functionality**

#### **Navigation:**

1. Go to: <https://demoqa.com/>
2. Click on "Widgets" card
3. Click on "Auto Complete"
4. Final URL: <https://demoqa.com/auto-complete>

**Test Steps:**

1. Type in single color field
2. Select from suggestions
3. Type in multiple colors field
4. Select multiple values
5. Delete one value
6. Clear all values
7. Verify each state