**Registration form :**

**Preconditions:**

1. If required fields are not filled or wrong data is inserted then the submit button will not be activated.

The test cases for the registration form are sorted per field as explained below.

Generic Form Field Tests

* Check the behavior of form by not filling up any data into the form.
* Check the by not filling up the required fields.
* Check the behavior of form by adding random data in the text field.
* Check the by not filling up the full name text field but by filling up rest of the other fields.
* Check the behavior of form by filling other text fields except birthdate text fields.
* Check the behavior of form by filling other text fields except password text fields.
* Check the form by filling other text fields except phone number text field.
* Check the form by filling other text fields except email text field.

Testing Full Name Field

* Check the Full name text field with less than 6 letters.
* Check the Full name text field with empty string .

Testing birthdate Field

* Check the birthdate with DD-MM-YYYY.
* Check the birthdate with DD/MM/YYYY.
* Check the birthdate with YYYY/MM/DD.
* Check the birthdate with YYYY/DD/MM.
* Check the birthdate with DD:MM:YYYY.
* Check the birthdate with DD-MM-YY.
* Check the birthdate with YYYY-MM-DD.
* Check the birthdate with empty string

Testing Phone Number Field

* Check the Phone text field with phone number being string instead of numbers.
* Check the Phone text field with both area code and phone number both being string instead of numbers.
* Check the Phone text field with no data added.
* Check the Phone text field with anything in the beginning but 01.
* Check the Phone text field with more or less than 10 numbers after the 01.

Testing password Field

* Check the password with only numbers.
* Check the password with only letters.
* Check the password with only symbols.
* Check the password with only small letters.
* Check the password with only capital letters.
* Check the password with only numbers and symbols.
* Check the password with only numbers and letters.

Testing Email Field

* Check the Email text field that has Email address without @ symbol.
* Check the Email text field that has random string instead of real email.
* Check the Email text field that has @ symbol written in words.
* Check the Email text field that has missing dot in the email address.
* Check the Email text field as “name@gmail”
* Check the Email text field as –“@gmail”
* Check the Email text field as “name@gmail..com”
* Check the Email text field as “name@192.168.1.1.0”
* Check the Email text field as “name.. @gmail.com”

**Login form :**

**Preconditions:**

1. If required fields are not filled or wrong data is inserted then the submit button will not be activated.

The test cases for the registration form are sorted per field as explained below.

Generic Form Field Tests

* Check the behavior of form by not filling up any data into the form.
* Check the by not filling up the required fields.
* Check the behavior of form by adding random data in the text field.
* Check the by not filling up the email text field but by filling up rest of the other fields.
* Check the behavior of form by filling other text fields except password text fields.
* text field with empty string .

Testing password Field

* Check the password with only numbers.
* Check the password field with exciting email but with wrong password.
* Check the password with only letters.
* Check the password with only symbols.
* Check the password with only small letters.
* Check the password with only capital letters.
* Check the password with only numbers and symbols.
* Check the password with only numbers and letters.

Testing Email Field

* Check the Email text field with exciting password but with wrong email.
* Check the Email text field that has Email address without @ symbol.
* Check the Email text field that has random string instead of real email.
* Check the Email text field that has @ symbol written in words.
* Check the Email text field that has missing dot in the email address.
* Check the Email text field as “name@gmail”
* Check the Email text field as –“@gmail”
* Check the Email text field as “name@gmail..com”
* Check the Email text field as “name@192.168.1.1.0”
* Check the Email text field as “name.. @gmail.com”

**User role edit form :**

**Preconditions:**

1. There at least one role in the system .

Generic Tests

All the new members will have 0 permission in all privileges .

There has to be at least one member with privilege update before users register.

**Edit department form :**

**Preconditions :**

1-The user role that is signed in have edit permission on department.

Generic Tests

* 1. Check if there are at least one department exist.
  2. Check if the department name is unique.

**Edit** **course form :**

The test cases for the registration form are sorted per field as explained below.

**Preconditions :**

1-The user role that is signed in have edit permission on course.

Generic Tests

* 1. Check if there are at least one course exist.

Testing name Field

* Enter a name of a department that is exist before.

Testing course code Field

* Enter a course code of a department that is exist before.
* Enter a course code that is not integer.

Testing credit hours Field

* Enter a course code that is not integer.

Testing level Field

* Enter a course code that is not integer.

**Edit semester form :**

The test cases for the registration form are sorted per field as explained below.

**Preconditions :**

1-The user role that is signed in have edit permission on semester.

Generic Tests

* 1. Check if there are at least one semester exist.

Testing maxCreditHour Field

* Enter a course code that is not integer.

Testing startDate Field

* Enter an input that is not a date format.

Testing endDate Field

* Enter an input that is not a date format.

Testing registrationStartDate Field

* Enter an input that is not a date format.

Testing registrationEndDate Field

* Enter an input that is not a date format.