TEST_1 wefox

Context: The development team has just introduced a Student Registration form on the site. Without any documentation, you have to test this functionality!

Task: Explore and describe 3 key scenarios for the student registration form. Produce a concise write-up of what you discovered when exploring these scenarios (use a markdown-formatted text file).

In your notes and write-up, you can follow the format of:

● Exploration target: what scenario are you exploring? What's the functionality?

● Does the site behave as you would expect? Did you discover anything that looks like a bug? Did you see anything you think could be improved?

● Prioritisation of those use cases - which area of the website or testing would you explore first and why?

● What kind of risks do you need to mitigate for this type of application?

Exploration target: Check that a normal register informing all fields can be done correctly

TC1 Submit with all fields correctly filled

GIVEN

       The Student registration form in https://demoqa.com/automation-practice-form

       AND a pc with windows 10 and chrome browser installed

       AND an operative net

WHEN

       The user access to the form

       AND refill all fields with realistic information

       AND load a file pressing the select a file and selecting any file

       AND click on submit button

THEN

       A message is shown indicating that the form has been submitted OK

Bugs:

Bug 1	When the Subjects field is refill and the focus changes to any another field, the information introduced in Subjects is deleted
Bug 2	When all fields are filled correctly (except Subjects field) and a file loaded, the submit button doesn't appear, then the user cannot do submit

Improving Related to:

Bug 1	The Subjects field must be consisting and keep the information when the focus changes
Bug 2	The submit button must be visible always and enable when the mandatory fields are filled

Exploration target: Try to submit a blank form and check mandatory fields, and that it's not possible to submit an empty register

TC2 Try to submit a blank form

GIVEN

The Student registration form in https://demoqa.com/automation-practice-form

AND a pc with windows 10 and chrome browser installed

AND an operative net

WHEN

The user access to the form

AND click on submit button

THEN

The mandatory fields are marked

AND the form is not submitted

Bugs:

Bug 3 (duplicated-Bug 2)	The submit button is not visible, it's only visible when the fields state and city are selected.

Improving Related to

Bug 2 and Bug3	The submit button must be visible always and enable when the mandatory fields are filled

Exploration target: Check the behavior of all fields with an alphanumeric data with 257 characters that is a character more than it allowed for type text field

TC3 Copy and paste the alphanumeric string with 257 characters in text fields and in date of birth

GIVEN

> The Student registration form in https://demoqa.com/automation-practice-form
>
> AND a pc with windows 10 and chrome browser installed
>
> AND an operative net

WHEN

> The user access to the form
>
> AND copy and paste the string

> "abc def ghi jkl mno pqrs tuv wxyz ABC DEF GHI JKL MNO PQRS TUV WXYZ !"§ $%& / () =?* '<> #|; ²³~ @`´ ©«» ¤¼× {} abc def ghi jkl mno pqrs tuv wxyz ABC DEF GHI
>
> JKL MNO PQRS TUV WXYZ !"§ $%& /() =?* '<> #|; ²³~ @`´ ©«» ¤¼× {} abc 123 ghi jk
>
> l mno pqrs tuv wxyz."

> in the fields: First Name, Last Name, Email, Mobile, Date of birth, Subjects and Current Address
>
> AND click on submit button

THEN

> The First name and last name fields are truncated with the max number of characters allowed in the database for both fields
>
> AND First name and last name are remarked and below the message "please, insert a name without numbers" is shown
>
> AND Email field is remarked and below the message "please, insert a valid email" is shown
>
> AND Mobile field contain only the first 9 characters is remarked and below shows the message "please, insert a valid phone number"
>
> AND Date of birth field cannot be paste it and shows the origin date
>
> AND Subjects field is truncated with the maximum size allowed in database for this field
>
> AND the Current Address is truncated with the maximum size allowed in database for this field

Bugs:

Bug 4	First Name and Last Name admit numbers and special characters
Bug 5	The maximum size for First Name and Last Name is exceed, check the maximum size for both field in database
Bug 6	Email admit 257 characters with blank spaces and special characters and without a @gmail.com, @dominio.es, @wefox.net etc
Bug 7	Mobile field admit letters and special characters
Bug 8	Date of birth allow paste letters and special characters
Bug 9	When the date of birth is deleted with the backspace the page appears in blank
Bug 10	When insert a correct date by keyboard '27/12/1978' only select the day in the calendar, but the month and year aren't selected in the calendar
Bug 11 (duplicated with Bug 1)	The subjects field is deleted when the focus changes
Bug 12 (duplicated with bug 2 and 3)	The submit button isn't displayed

Improving Related to

Bug 4	First Name and Last Name only must allow letters
Bug 5	The maximum size for First Name and Last Name must be equal to the respective fields in database
Bug 6	The maximum size for Email must be equal to the respective field in database and the blank spaces and special characters mustn't allow them and must have the @ following of @gmail.com, @dominio.es, @wefox.net etc.
Bug 7	Mobile field mustn't allow letters and special characters
Bug 8	Date of birth mustn't allow paste letters and special characters
Bug 9	When the date of birth is deleted the page must keep the status and just the date of birth field must be empty
Bug 10	When insert a correct date by keyboard '27/12/1978' the day, month and year must be selected in the calendar correctly.
Bug 11 (duplicated with Bug 1)	The Subjects field must be consisting and keep the information when the focus changes
Bug 12 (duplicated with bug 2 and 3)	The submit button must be visible always and enable when the mandatory fields are filled

● Prioritisation of those use cases - which area of the website or testing would you

explore first and why?

I think that the order must be TC1, TC2 and TC3 because, first of all, we must secure that the basic functionality has the expected behavior (TC1) and after we test the extremes, with the empty form (TC2) and moreover this test case it's very possible that doesn't cause inconsistencies in the system to test the next test case. And finally, we test all fields with extreme values (TC3)

● What kind of risks do you need to mitigate for this type of application?

Overflow in each field, empty values in mandatory fields, and duplicated registers and persisted information in each field.