Degree Plan Automation

System Testing:

Test Screen: Login Screen

A screenshot of a cell phone

Description automatically generated

Figure 1

Scenario 1: Validation for username and password

User is allowed to enter only alphabets (lower and uppercase) and digits for user name and password.

Positive Scenario: When user enters correct details and tabs out no error should be displayed.

Negative scenario: When user enters incorrect data, the field must be empty and appropriate error should be displayed.

A screenshot of a computer screen

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Figure 2

Here (Figure 2) the user did not enter any details. So, an error is displayed as it is a required field.

Scenario 2: Validation for username

User is allowed to enter only alphabets (lower and uppercase) i.e. a-z and A-Z and digits (0-9) for user name.

Positive scenario: When user enters correct details in the username field and tabs out no error should be displayed.

Negative scenario: When user enters incorrect data or leaves the field empty, an appropriate error should be displayed.

A screenshot of a computer screen

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Figure 3

Here (Figure 3) the user enters special characters in the username field. So, an error should be displayed.

A screenshot of a computer screen

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Figure 4

Here (Figure 4) an error is successfully displayed.

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Description automatically generated

Figure 5

Here (Figure 5) the user did not enter any data in the username field. So, an error should be displayed.

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Description automatically generated

Figure 6

Here (Figure 6), an error is displayed successfully as it is a required field.

Scenario 3: Validation for password

User is allowed to enter only alphabets (lower and uppercase) i.e. a-z and A-Z and digits (0-9) for password.

Positive scenario: When user enters correct details in the password field and tabs out no error should be displayed.

Negative scenario: When user enters incorrect data like special characters or leaves the field empty, an appropriate error should be displayed.

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Description automatically generated

Figure 7

Here (Figure 7) the user did not enter any data in the password field. So, an error should be displayed.

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Figure 8

Here (Figure 8) an error is displayed successfully.

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Description automatically generated

Figure 9

Here (Figure 9) the user enters incorrect data (special characters such as @, !, $, ..) in the password field. So, an error should be displayed.

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Description automatically generated

Figure 10

Here (Figure10) an error is displayed successfully.

Test Screen: Register Screen

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Description automatically generated

Figure 1

Scenario 1: Validation for Name

User is allowed to enter only alphabets (lower and uppercase) i.e a-z and A-Z and a length of 5 to 20 characters for name

Positive scenario: When user enters correct details and tabs out no error should be displayed

Negative scenario: When user enters incorrect data like digits or special characters, the field must be empty and appropriate error should be displayed.

A screenshot of a cell phone

Description automatically generated

Figure 2

Here (Figure 2) the user entered correct details. So, no error should be displayed.

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Description automatically generated

Figure 3

Here (Figure 3) the user entered incorrect (special characters and also only 3 characters) details. So, an error is displayed successfully.

A screenshot of a computer screen

Description automatically generated

Figure 4

Here (Figure 4) the user did not enter any information. So, an error is displayed.

Scenario 2: Validation for email

User is allowed to enter only alphabets (lower and uppercase) i.e a-z and A-Z and digits (0-9) and only one special character (@) for email id.

Positive scenario: When user enters correct details and tabs out no error should be displayed.

Negative scenario: When user enters incorrect data, the field must be empty and appropriate error should be displayed.

A screenshot of a cell phone

Description automatically generated

Figure 5

Here (Figure 5) the user did not enter any information in the email field and proceeded to register. So, an error is displayed.

A screenshot of a cell phone

Description automatically generated

Figure 6

Here (Figure 6) the user entered correct details. So, no error is displayed

Scenario 3: Validation for Username

User is allowed to enter only alphabets (lower and uppercase) i.e. a-z and A-Z and digits (0-9) and a length of 5 to 20 characters for username.

Positive scenario: When user enters correct details and tabs out no error should be displayed.

Negative scenario: When user enters incorrect data, the field must be empty and appropriate error should be displayed.

A screenshot of a cell phone

Description automatically generated

Figure 7

Here (Figure 7) the user did not enter any information. So, an error is displayed as it is a required field.

A screenshot of a cell phone

Description automatically generated

Figure 8

Here (Figure 8) the user entered incorrect information. So, an error is displayed.

A screenshot of a cell phone

Description automatically generated

Figure 9

Here (Figure 9) the user entered correct information. So, no error is displayed.

Scenario 4: Validation for password

User is allowed to enter only alphabets (lower and uppercase) i.e. a-z and A-Z and digits (0-9) and length of 5 to 15 characters for password.

Positive scenario: When user enters correct details in the password field and tabs out no error should be displayed.

Negative scenario: When user enters incorrect data like special characters or leaves the field empty, an appropriate error should be displayed.

A screenshot of a cell phone

Description automatically generated

Figure 10

Here (Figure 10) the user did not enter any details and proceed to register. So, an error is displayed.

A screenshot of a cell phone

Description automatically generated

Figure 11

Here (Figure 11) the user entered correct details. So, no error is displayed.

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Description automatically generated

Figure 12

Here (Figure 12) the user entered same information as provided in the password which is same (should match). So, no error is displayed.

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Figure 13

Here (Figure 13) the user entered different information which is not same as password. So, an error should be displayed.

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Description automatically generated

Figure 14

Here (Figure 14) an error is displayed successfully.

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Description automatically generated

Figure 15

Here (Figure 15) the user entered incorrect details (special characters and only 3 characters) for password. So, an error is displayed successfully.

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Figure 16

Here (Figure 16) the user entered correct details. So, he/she can register successfully.

![A screenshot of a cell phone

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Figure 17

Here (Figure 17) the user entered all the details correctly. So, it does not show any error and the registration is done successfully.