BridgeLabz

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User Registration Problem

User Registration

User Registration System needs to ensure all validations are in place during the User Entry

UC 1

As a User need to enter a valid First Name

- First name starts with Cap and has minimum 3 characters

UC 2

As a User need to enter a valid Last Name

- Last name starts with Cap and has minimum 3 characters

UC 3

As a User need to enter a valid email

- E.g. abc.xyz@bl.co.in
- Email has 3 mandatory parts (abc, bl & co) and 2 optional (xyz & in) with precise @ and . positions

UC 4

As a User need to follow pre-defined Mobile Format

- E.g. 91 9919819801
- Country code follow by space and 10 digit number

UC 5

As a User need to follow pre-defined Password rules.

Rule1 – minimum 8 Characters

- NOTE – All rules must be passed

UC 6

Rule2 – Should have at least 1 Upper Case

- NOTE – All rules must be passed

UC 7

Rule3 – Should have at least 1 numeric number in the password

- NOTE – All rules must be passed

UC 8

Rule4 – Has exactly 1 Special Character

- NOTE – All rules must be passed

UC 9

Should clear all email samples provided separately

UC 10

Write JUnit Test to validate the User Entry for First Name, Last Name, Email, Mobile, and Password.

- Write Junit Test for Happy as well as Sad test case.
- Happy Test Case validates the Entry Successfully
- Sad Test Cases fails the Entry

UC 11

Write JUnit Parameterised Test to validate multiple entry for the Email Address.

UC 12

Refactor the Code to throw custom exceptions in case of Invalid User Details

- Rewrite all Test Cases to take in Custom Exception for Invalid First Name, Last Name, Email, Mobile, and Password

UC 13

Refactor the Code to use Lambda Function to validate User Entry

- Use Lambda Function to validate First Name, Last Name, Email, Mobile, and Password

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Thank You