**Problem set**

1. **Please build test cases for these subjects:**
   1. **Kata Platform registration (**[**https://user.kata.ai/signup/**](https://user.kata.ai/signup/)**)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case No** | **Pre Condition** | **Scenario** | **Procedure** | **Expected Result** | **Actual Result** | **Status** | **Remarks** |
| 1 | Have an active email | Register success as Developers - Professional | - Open the website  - Write username and email  - Choose Developers - Professional  - Write company name  - Click captcha  - Click Sign Up button | User registered then redirect to next page |  |  |  |
| 2 | Have an active email | Register success as Developers - Student | - Open the website  - Write username and email  - Choose Developers - Student  - Write school name  - Click captcha  - Click Sign Up button | User registered then redirect to next page |  |  |  |
| 3 | NA | Register failed because didn't write username | - Open the website  - Click username box but didn't write anything | Sign up button didn't turned on and show text Username is required. |  |  |  |
| 4 | NA | Register failed because write username less than 3 | - Open the website  - Write 2 char username | Sign up button didn't turned on and show text Username must be 3-15 characters long. |  |  |  |
| 5 | NA | Register failed because didn't write email | - Open the website  - Click email box but didn't write anything | Sign up button didn't turned on and show text Email is required. |  |  |  |
| 6 | NA | Register failed because didn't write right email format | - Open the website  - Write wrong email format | Sign up button didn't turned on and show text Invalid email format. |  |  |  |
| 7 | NA | Register failed because didn't choose account type | - Open the website  - Click account type but didn't select anyone | Sign up button didn't turned on and show text Account type is required. |  |  |  |
| 8 | NA | Register failed because didn't write company/school | - Open the website  - Choose Developers - Professional  - Click company/school box but didn't write anything | Sign up button didn't turned on and show text Company/School name is required. |  |  |  |

* 1. **Kata Platform login (**[**https://platform.kata.ai/login**](https://platform.kata.ai/login)**)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case No** | **Pre Condition** | **Scenario** | **Procedure** | **Expected Result** | **Actual Result** | **Status** | **Remarks** |
| 1 | Have an account | Login success without click remember me | - Open the website  - Write username and password  - Click login button | User logged in then redirected to user project page |  |  |  |
| 2 | Have an account | Login success with click remember me | - Open the website  - Write username and password  - Click Remember me button  - Click login button | User logged in then redirected to user project page |  |  |  |
| 3 | Have an account | Go to forgot password page | - Open the website  - Click Forgot password? button | User redirected to Forgot password page |  |  |  |
| 4 | NA | Go to registration page | - Open the website  - Click Don't have account? Sign up button | User redirected to Sign up page |  |  |  |
| 5 | NA | Go to homepage Kata.ai | - Open the website  - Click Presented by Kata.ai button | User redirected to Kata.ai homepage |  |  |  |
| 6 | NA | Login failed because wrong password | - Open the website  - Write username and wrong password  - Click login button | Show text Invalid username or password |  |  |  |
| 7 | NA | Login failed because wrong username / password and click remember me | - Open the website  - Write wrong username or password  - Click Remember me button  - Click login button | Show text Invalid username or password |  |  |  |
| 8 | NA | Go to See Tutorial page | - Open the website  - Click See Tutorial button | User redirected to Tutorial page |  |  |  |
| 9 | NA | Go to View Docs page | - Open the website  - Click View Docs button | User redirected to Docs page |  |  |  |

* 1. **Create a bot based on API Bot template (additional point)**
  2. **Test chatbot on emulator widget (additional point)**

1. **Please build automated test for the cases above. Create and test bot cases also not mandatory but additional points.**

Automated test available on <https://github.com/filzav/TestPrixa>. You can run loginAutomation.py for login case and registerAutomation.py for register case

1. **Write Requirement Traceability Matrix**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Number | Request Desc | TC Description | Test Design | Test Designer | Defects? | Defect status |
| 1 | Login to Kata Platform | Login success without click remember me | Completed | Filza | None | N/A |
| 2 | Login success with click remember me | Completed | Filza | None | N/A |
| 3 | Go to forgot password page | Completed | Filza | None | N/A |
| 4 | Go to registration page | Completed | Filza | None | N/A |
| 5 | Go to homepage Kata.ai | Completed | Filza | None | N/A |
| 6 | Login failed because wrong password | Completed | Filza | None | N/A |
| 7 | Login failed because wrong username / password and click remember me | Completed | Filza | None | N/A |
| 8 | Go to See Tutorial page | Completed | Filza | None | N/A |
| 9 | Go to View Docs page | Completed | Filza | None | N/A |
| 10 | Register to Kata Platform | Register success as Developers - Professional | Completed | Filza | None | N/A |
| 11 | Register success as Developers - Student | Completed | Filza | None | N/A |
| 12 | Register failed because didn't write username | Completed | Filza | None | N/A |
| 13 | Register failed because write username less than 3 | Completed | Filza | None | N/A |
| 14 | Register failed because didn't write email | Completed | Filza | None | N/A |
| 15 | Register failed because didn't write right email format | Completed | Filza | None | N/A |
| 16 | Register failed because didn't choose account type | Completed | Filza | None | N/A |
| 17 | Register failed because didn't write company/school | Completed | Filza | None | N/A |
| 18 | Go to login page | Completed | Filza | None | N/A |
| 19 | Go to homepage Kata.ai | Completed | Filza | None | N/A |
| 20 | Go to See Tutorial page | Completed | Filza | None | N/A |
| 21 | Go to View Docs page | Completed | Filza | None | N/A |

1. **Write Test Coverage Matrix.**

Test Coverage for this case <10% because it’s just Login page and Register page of Kata.ai platform