**Test Scenario: Sign up new user(test\_registration.py)**

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| Test Scenario | Test Description | Test Values | Expected Outcome | Actual Outcome | Justification |
| 1 | Test website able to direct to register website | url: http://127.0.0.1:8000/accounts/signup/ | Direct to http://127.0.0.1:8000/accounts/signup/ | Direct to http://127.0.0.1:8000/accounts/signup/ |  |
| 2 | Create user sucessfully | Username: Koi2356@@  Password:  123456abcde989f  Password confirmation:  123456abcde989f | Account create successfully  Direct to ‘Login’ Page | Direct to ‘Login’ Page |  |
| 3 | User didn’t fill any fields | Username:  Password:  Password confirmation: | Unable to create account  Popup message on username field “Please fill out this field” | Unable to create account  Popup message on username field “Please fill out this field” | User didn’t fill up any fields that required |
| 4 | User didn’t fill up username field | Username:  Password:123456789  Password confirmation:123456789 | Unable to create account  Popup message on username field “Please fill out this field” | Unable to create account  Popup message on username field “Please fill out this field” | User didn’t fill up username field. |
| 5 | User didn’t fill up password and password confirm fields | Username: testing456  Password:  Password confirmation: | Unable to create account  Popup message on password field “Please fill out this field” | Unable to create account  Popup message on password field “Please fill out this field” | User didn’t fill up password and password confirm field. |
| 6 | User didn’t fill up password confirm fields | Username: testing456  Password: abcd123456789  Password confirmation: | Unable to create account  Popup message on password confirm field “Please fill out this field” | Unable to create account  Popup message on password confirm field “Please fill out this field” | User didn’t fill up password confirm field. |
| 7 | User didn’t fill up the same password on password and password confirm fields | Username: testing456  Password: abcd123456789  Password confirmation: abckjdbsadbbiuub | Unable to create account  Popup message appear “The two password fields didn’t match”. | Unable to create account  Popup message appear “The two password fields didn’t match”. | User didn’t fill up the same password on password and password confirm field. |
| 8 | User didn’t key less than 8 character on password | Username: testing456  Password: abcd12  Password confirmation: abcd12 | Unable to create account  Popup message appear “This password is too short. It must contain at least 8 characters”. | Unable to create account  Popup message appear “This password is too short. It must contain at least 8 characters”. | User enter less than 8 characters on password and password confirm fields. |
| 9 | User enter common password on password and password confirm fields | Username: testing456  Password: abcd12  Password confirmation: abcd12 | Unable to create account  Popup message appear “This password is too common”. | Unable to create account  Popup message appear “This password is too common”. | User enter too common password on password and password confirm password fields |
| 10 | User ener full numeric password on password and password confirm fields. | Username: testing456  Password: 1234567890  Password confirmation: 1234567890 | Unable to create account  Popup message appear “This password is entirely numeric”. | Unable to create account  Popup message appear “This password is entirely numeric”. | User enter full numeric password on password and password confirm fields |

**Test Scenario: Redirect Website(test\_website\_url.py)**

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| Test Scenario | Test Description | Test Values | Expected Outcome | Actual Outcome | Justification |
| 1 | Test website able to direct to login website | url: http://localhost:8000/accounts/login/ | Direct to  http://localhost:8000/accounts/login/ | Direct to  http://localhost:8000/accounts/login/ |  |
| 2 | Test website able to direct to register website | url: http://127.0.0.1:8000/accounts/signup/ | Direct to http://127.0.0.1:8000/accounts/signup/ | Direct to http://127.0.0.1:8000/accounts/signup/ |  |
| 3 | Test website able to direct to todo website | url:  http://127.0.0.1:8000/todo/ | Direct to  http://127.0.0.1:8000/todo/ | Direct to  http://127.0.0.1:8000/todo/ |  |
| 4 | Test website able to direct to todo history website | url:  http://127.0.0.1:8000/todo/history/ | Direct to  http://127.0.0.1:8000/todo/history/ | Direct to  http://127.0.0.1:8000/todo/history/ |  |
| 5 | Test website able to direct to team contribution website | url:  http://127.0.0.1:8000/teamContributions/ | Direct to  http://127.0.0.1:8000/teamContributions/ | Direct to  http://127.0.0.1:8000/teamContributions/ |  |