Sprint #1: UX test cases

| **Test Case ID** | **Description** | **Test Steps** | **Pre-req** | **Author** | **Test Method** | **Pass/Fail**  **Criteria** |
| --- | --- | --- | --- | --- | --- | --- |
| LP01 | Check  Login link is present at home page and redirects to login page when clicked | 1. Run local server 2. GO to site http://127.0.0.1:8000/ 3. Verify “Login” link is present on top left corner of landing page 4. Click “Login” link | none | Sri |  | “Login” link is present  “Login” link redirect to “Sign In” page |
| LP02 | Check “Login” link changes to “Logout” once a user is signed in | 1. GO to sitehttp://127.0.0.1:8000/ 2. Enter UserId 3. Enter Password 4. Click Submit | Userid = Amulya Password = Test123 | Sri |  | Once user is logged in, “Login” link on landing page changes to “Logout” |
| SP01 | Check  Login form collects user credentials and requires username/password | 1. Run local server 2. GO to site http://127.0.0.1:8000/ 3. Verify “Login” link is present on top left corner of landing page 4. Click “Login” link 5. Sign in using credentials | Userid = Amulya Password = Test123 | Sri |  | Form requires username/password before trying to sign in |
| SP01N | Check  Login form will not be accepted without required credentials | 1. GO to sitehttp://127.0.0.1:8000/ 2. Enter UserId 3. Leave password blank 4. Click Submit | Userid = Amulya Password = | Sri |  | App prompts that both username and password are required fields |
| SP02 | Check  App can authenticate correct credentials and signs user in | 1. Run local server 2. GO to site http://127.0.0.1:8000/ 3. Click “Login” link 4. Sign in using credentials | Userid = Amulya Password = Test123 | Sri |  | App authenticates user credentials, signes in, and redirects user to the landing page displaying a welcome message and their name |
| SP03 | Check App can reject incorrect credentials | 1. GO to sitehttp://127.0.0.1:8000/ 2. Enter UserId 3. Leave password blank 4. Click Submit | Userid = wronguser Password = wrongpass | Sri |  | App displays incorrect username password submitted message |
| RP01 | Check  App can accept new user registration | 1. Run local server 2. GO to site http://127.0.0.1:8000/ 3. Click “Register” link 4. Register using new credentials | Username =newuser  Password = Test123! | Sri |  | App authenticates user registration form and presents a registration successful message |

| RP02 | Check  registration form enforces the username requirement | 1. Run local server 2. GO to site http://127.0.0.1:8000/ 3. Click “Register” link 4. Try to register using new username that is 8 characters and greater, less than 8 characters | Username =newuser  Password = Test123! | Sri |  | registration form requires a username of at least 8 characters with no spaces |
| --- | --- | --- | --- | --- | --- | --- |

| RP03 | Check  registration form enforces the password requirement | 1. Run local server 2. GO to site http://127.0.0.1:8000/ 3. Click “Register” link 4. Try to register using new password that is at least 8 characters long | Username =newuser  Password = Test123! | Sri |  | registration form requires a password of at least 8 characters with one uppercase and one special character |
| --- | --- | --- | --- | --- | --- | --- |

| RP04 | Once registration requirements are met, check that app redirects to homepage as user signed in | 1. Run local server 2. GO to site http://127.0.0.1:8000/ 3. Click “Register” link 4. Register using required username/password credentials 5. Click “Register” Button | Username =Newsiteuser  Password = Test123! | Sri |  | Registration page redirects to landing page with user logged in once registration form requirements are met and user clicks “Register” |
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| RP05 | Check when an incorrect entry is made to the registration form, app displays appropriate message | 1. Run local server 2. GO to site http://127.0.0.1:8000/ 3. Click “Register” link 4. Try to register using incorrect registration credentials 5. Click “Register” Button | Username =  Password = Test123! | Sri |  | Registration page displays a message that username is required. |
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Sprint #1 API Test Cases

| **Test Case ID** | **Description** | **Test Steps** | **Pre-req** | **Author** | **Test Method** | **Pass/Fail**  **Criteria** |
| --- | --- | --- | --- | --- | --- | --- |
| API01 | Check that API responds with status code “200” when user successfully registers to site | 1. Run local server 2. Open Postman 3. GO to site http://127.0.0.1:8000/usersignup/register/ 4. Send POST request with username and password | username= joeseph1234  password=Mypassword1! | Abe |  | API response “200” is logged |
| API02 | Check that API responds with status code “400” when user tries to register with incorrect credentials | 1. Run local server 2. Open Postman 3. GO to site http://127.0.0.1:8000/usersignup/register/ 4. Send POST request with just username | username= hello | Abe |  | API response “400” is logged |
| API03 | Check that API responds with status code “401” when user tried to login to site with incorrect credentials | 1. Run local server 2. Open Postman 3. GO to site http://127.0.0.1:8000/usersignup/user\_login/ 4. Send POST request with incorrect username and password | username= joeseph1234  password=Mypassword1! | Abe |  | API response “401” is logged |

| API04 | Check that API responds with status code “404” | 1. Run local server 2. Open Postman 3. GO to site http://127.0.0.1:8000/usersignup/user\_login/ 4. Send POST request with incorrect username and password | username= joeseph1234  password=Mypassword1! | Abe |  | API response “404” is logged |
| --- | --- | --- | --- | --- | --- | --- |

| API05 | Check that API responds with status code “500” | 1. Run local server 2. Open Postman 3. GO to site http://127.0.0.1:8000/usersignup/user\_login/ 4. Send POST request with incorrect username and password | username= joeseph1234  password=Mypassword1! | Abe |  | API response “500” is logged |
| --- | --- | --- | --- | --- | --- | --- |

Sprint #1 Database Test

| DB01 | Check that database logs user info when they register | 1. Run local server 2. GO to site http://127.0.0.1:8000/usersignup/user\_login/ 3. Login to site using Admin credentials 4. Click on users 5. Verify registered user info is present | username= Abe  password=\*AdminPassowrd | Amulya |  | Registered user info is present under group “users” |
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