**Task 2: Test log**

| **Description of test** | **Test data to be used (if required)** | **Expected outcome** | **Actual outcome** | **Comments and intended actions** |
| --- | --- | --- | --- | --- |
| Verify that users can successfully register using valid credentials. | Email: [name@name.name](mailto:name@name.name)  Password:  name | New users should be able to register successfully. | Registration  completed successfully. | No issues found. Ensure continuous testing when updates are made to authentication. |
| Verify that the system handles incorrect registration inputs properly. | Email:  12345  Password:  12345 | Registration should fail with an error message explaining the issue. | Email validation error displayed correctly.  Password mismatch error displayed correctly. | Error messages are clear and displayed properly. |
| Verify that users can successfully log in using valid credentials. | Email: [name@name.name](mailto:name@name.name)  Password:  name | Existing users should be able to log in without issues. | Login with existing credentials worked as expected. | No issues found. Ensure continuous testing when updates are made to authentication. |
| Verify that the system handles incorrect log in inputs properly. | Email:  12345  Password:  12345 | Log in should fail with an error message explaining the issue. | Email validation error displayed correctly.  Password mismatch error displayed correctly. | Error messages are clear and displayed properly. |
| Ensure that the login button does not appear when a user is already logged in. | User logs in successfully | The login button should be replaced with a "Logout" button. | Login button disappeared after the login.Logout button appeared correctly. | Everything is working correctly. |
| Check if a logged-in user can access the login page. | A logged-in user manually enters example.com/login. | The user should be redirected to the dashboard instead. | The user was successfully redirected to the dashboard. | Redirection is working as expected. |
| Check if error messages appear when login credentials are incorrect. | Wrong email: [wrong@example.com](mailto:wrong@example.com)  Wrong password: IncorrectPass123 | Prompt should say: *"Invalid email or password."* | Error message displayed correctly. | The messaging system works perfectly. |
| Verify that non-logged-in users cannot access protected pages. | Access example.com/dashboard without logging in. | The system should redirect users to the login page. | Non-logged-in users were redirected to the login page. | Access control is working properly. |
| Ensure that logged-in users are redirected if they try to access the login page. | A logged-in user tries to visit example.com/login. | They should be redirected to the home page. | Logged-in users were correctly redirected to the home page. | Redirection works perfectly. |
| Ensure login and register buttons submit forms correctly. | Click "Login" and "Register" buttons after entering valid credentials. | The forms should submit, and users should be logged in or registered. | Buttons functioned correctly. | No issues found. |
| Check if clicking "Logout" properly logs out the user. | Click "Logout" after logging in. | The user should be logged out and redirected to the login page. | Logout functioned correctly. | The logout process is working fine. |
| Password Reset option | Click “Reset Password” after logging in. | The password should be resetted | The error page appear | Password Reset doesn't work as expected |