Shop Apotheke Login Module Test Plan

Project	Project lead	Application	Module
Shop Apotheke	XX	Shop Apotheke Web App, API server	Login
QA lead	**Execution date**	**Created on**	**Created By**
XX	TBD	Sep 3, 2022	Hesenjan

- **Purpose & background**
  - To test the shop apotheke Web App login functions of UI and API and verify if they work properly.
- **Test Strategy (manual test, automated test)**
  - Manuel and Automation Test
- **Requirements**
  - A customer is able to successfully log in with valid credentials
- **Features to be tested**
  - All the features mentioned in the requirements should be tested.
- **Features not to be tested**
  - All the features not mentioned in the requirements.
- **Entrance and Exit Criteria**
  - All manual tests and automation tests should be completed.
  - All requirements should meet the Acceptance criteria described in the user story document.

- o Test data are ready.
- o QA environment is ready.

- **Testing Types**

  - o Functional test

  - o Smoke Test

  - o Regression Testing

  - o API test

- **Test Environment**

  - o QA environment

- **Traceability of the tests**

  - o Check the test case creation ticket on "e.g., Jira"

- **Resources**

  - o UI: https://www.shop-apotheke.com/nx/login/

  - o API Contract (YAML)

  - o Manual testing tool: e.g., Jira, Postman (API)

  - o Bug tracing system: e.g., Jira

  - o Code repository: Github

  - o Build Server: Jenkins

- **Test Execution**

  - o All manual tests will be executed, and the status will be updated on e.g., Jira.

  - o The automation framework will be developed using Java Selenium Webdriver and will be executed in Jenkins.

- **Test Artifacts**

  - o There are no artifacts.

- **Defect Reports**

- o All defects will be reported in e.g., Jira.

- **Defect severity, logging, status, metrics**

  - o The requirements above should be marked as high if any features failed in the test.

- **Test schedule**

  - o Smoke Test: every day morning and evening

  - o Regression Test: before every deployment

- **Acceptance Criteria**

  - o Using valid credentials, a customer can successfully log in.

  - o Using invalid credentials will not lead to a successful login.

- **Test Cases:**

1. Verify that the User is able to Login with Valid Credentials

   Steps to execute:

   1. Navigate to the UI login page.
   2. Click on 'Alles akzeptieren' button to accept cookies
   3. Enter valid email address in the 'email-address' field.
   4. Enter valid password in the 'password' field.
   5. Click on 'Anmelden' Button.
      Expected result: User should log in succesfully

2. Verify that the User is not able to Login with an invalid email and invalid Password
3. Verify that the User is not able to Login with a Valid email and invalid Password
4. Verify that the User is not able to log in with an invalid email and Valid Password

5. Verify that Enter key works as a substitute for the Anmelden button
6. Verify that the view Password icon is working properly
7. Verify that the anti-robot verification button is working properly
8. Verify that the User is not able to log in with a blank email or Password
9. Verify that fill out this field message is displayed in the case when User leaves Username or Password as blank
10. Verify that email validation message is displayed in case of entering the non-email characters in the email field.
11. Verify that in case of incorrect credentials, a message like "incorrect username or password" should get displayed.
12. Verify that User is redirected to dashboard page after successful login
13. Verify that the User is redirected to the Forgot password page when clicking on the Forgot Password link.
14. Execute API call with valid required credentials, Verify the response headers, HTTP status code, Response payload.
15. Execute API call with invalid credentials, Verify the response headers, HTTP status code, Response payload.

- **Test execution results**

Test Case No.	TestNG	Cucumber
o 1.	Passed	Passed
o 2.	Passed	Passed
o 3.	Passed	Passed
o 4.	Passed	Passed

- TestNG html report:

Test	Methods Passed	Scenarios Passed	# skipped	# failed	Total Time	Included Groups	Excluded Groups
Regression Test	4	4	0	0	126.0 seconds		

Class	Method	# of Scenarios	Start	Time (ms)
	Regression Test — passed			
com.shopapotheke.logintest.testng.TestNGFrameworkRunner	validLoginTest ("Using valid credentials, a customer can successfully log in")	1	1662369012521	19528
	invalidLoginTest1 ("Using valid email and invalid password, a customer can't successfully log in")	1	1662369039903	7464
	invalidLoginTest2 ("Using invalid email and valid password, a customer can't successfully log in")	1	1662369058400	11345
	invalidLoginTest3 ("Using invalid email and invalid password, a customer can't successfully log in")	1	1662369089758	16751

- Extent emailable report:

- Cucumber html report

- All types of reports and log files were generated upon execution of the frameworks.