Test Execution Report

Feedback system for Pharmacy Order Management System

1. Alpha Testing

The prototype passed the alpha test with experts, indicating that it met the customer's input requirements. Logging defects, repairing defects, retesting, and several iterations are some of the tasks involved in alpha testing. Since Alpha testing isn't fully functional, Black box testing must ensure that all possibilities are tested using test cases.

2. Beta Testing

Beta testing occurs after revisions and involves testing the whole product. I conducted the beta test with the assistance of a colleague. I'll upload the project's video as well as the source code for future reference.

3. Black Box Testing

3.1 Admin Login

Test ID: 01

Tester Name: Mevan Senanayake
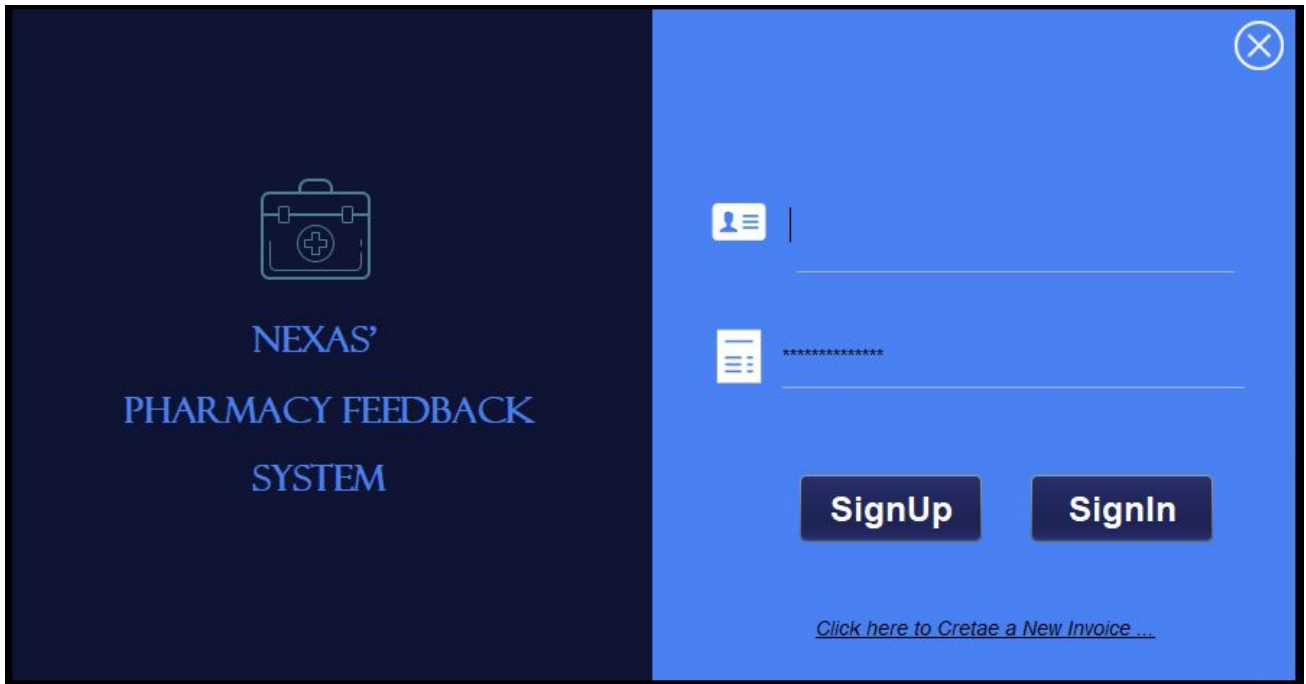
Test Type:

- Character Validations
- Null Validations

Figure 1: Admin Login Interface Validations.

User Name:

Null, Symbols and Special characters			Null, Symbol and Special character
INVALID	A a 0	Z z 9	INVALID

Condition	Valid Partition	Invalid Partition	Valid Boundaries	Invalid Boundaries
If(Username!=null)	A-Z, a-z, 0-9	Symbols and special characters	A-Z, a-z, 0-9	Symbols and special characters

Password:

Null		Null
INVALID	A Z a z 0 9 SYMBOLS SPECIAL CHARACTERS	INVALID

Table 2: Login- Password Validation

Condition	Valid Partition	Invalid Partition	Valid Boundaries	Invalid Boundaries
If(password!=null)	A-Z, a-z, 0-9. @*/, Symbols and special characters	-	A-Z, a-z, 0-9, @*/, Symbols and special characters	-

TABLE 3: Login- Test Case

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Pass/ Fail
01	Check Admin Login with valid username and Password	1. Go to SignIn 2. Enter Username 3. Enter Password 4. Click SignIn	Username: Pat Password: Pat123	Login Successful	As Expected	Pass
02	Check Admin Login with invalid username	1. Go to SignIn 2. Enter Username 3. Enter Password 4. Click SignIn	Username: Kevin@ Password: Kevin123	Prompt error message called **"Invalid credentials, do you want to try again?"** and deny access to the system	As Expected	Pass
03	Check Admin Login with invalid Password	1. Go to SignIn 2. Enter Username 3. Enter Password 4. Click SignIn	Username: Kevin Password: Kevin@123	Prompt error message called **"Invalid credentials, do you want to try again?"** and deny access to System	As Expected	Pass
04	Check Admin Login with Null	1. Go to SignIn 2. Enter Username 3. Enter Password 4. Click SignIn	Username: null Password: null	Prompt error message called **"Invalid credentials, do you want to try again?"** and deny access to System	As Expected	Pass

3.2 Questionnaire

Test ID: 02

Tester Name: Mevan Senanayake

Test Type:

- Range Validations

- Null Validations

Question 01:

Null characters		Null
INVALID	Can Select only 1 answer (string)	INVALID

Table 4: Questionnaire- Question 1 Validation

Condition	Valid Partition	Invalid Partition	Valid Boundaries	Invalid Boundaries
If(answer!=null)	One String value	Selecting two	One Selection	Two or More selection

Question 02:

Null characters		Null
INVALID	Can Select only 1 answer (string)	INVALID

Table 5: Questionnaire- Question 2 Validation

Condition	Valid Partition	Invalid Partition	Valid Boundaries	Invalid Boundaries
If(answer!=null)	One String value	Selecting two	One Selection	Two or More selection

Question 03:

Null characters		Null
INVALID	Can Select only 1 answer (string)	INVALID

Table 6: Questionnaire- Question 3 Validation

Condition	Valid Partition	Invalid Partition	Valid Boundaries	Invalid Boundaries
If(answer!=null)	One String value	Selecting two	One Selection	Two or More selection

Question 04:

Null characters		Null
INVALID	Can Select only 1 answer (string)	INVALID

Table 7: Questionnaire- Question 4 Validation

Condition	Valid Partition	Invalid Partition	Valid Boundaries	Invalid Boundaries
If(answer!=null)	One String value	Selecting two	One Selection	Two or More selection

Question 05:

Null, Symbols and Special characters			Null, Symbol and Special character
VALID	A a 0	Z z 9	VALID

Table 8: Questionnaire- Question 5 Validation

Condition	Valid Partition	Invalid Partition	Valid Boundaries	Invalid Boundaries
If(answer!=null)	A-Z, a-z, 0-9	Null	A-Z a-z 0-9	**"Do you want to submit This answers ?"**

3.3 Send Email

Test ID: 03

Test Types:

- Character Validation

- Null Validation

Field	Condition
Receiver Email	Character and null validation
Subject	Character and null validation
Message	Character and null validation

Receiver Email

Validation Type	Valid Characters	Invalid Characters
Character Validation	A-Z, a-z, special characters and 0 - 9	None

Subject

Validation Type	Valid Characters	Invalid Characters
Character Validation	A-Z, a-z, special characters and 0 - 9	None

Message

Validation Type	Valid Characters	Invalid Characters
Character Validation	A-Z, a-z, special characters and 0 - 9	None

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
	Send an email with valid data.	1. Go to Send Email interface. 2. Enter data to necessary fields. 4. Click Send.	Receiver Email: mevansenanayakems@gmail.com Subject: Test Message: Test	Email must be successfully Sent to the receiver.	As expected	Pass
	Send an email with invalid data.	1. Go to Edit reservation interface. 2. Enter the invoice number and click search. 3. Enter data to necessary fields. 4. Click update.	Receiver Email: mevansenanayakems@gmailcom Subject: Test Message: Test	Prompt error message.	As expected	Pass
	Send an email with null fields.	1. Go to Edit reservation interface. 2. Enter the invoice number and click search. 3. Enter data to necessary fields. 4. Click update.	Receiver Email: null Subject: null Message: null	Prompt error message.	As expected	Pass