
Software Test Description

For

NurHomestay Booking System

Version 1.0

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5. NOTES

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1 INTRODUCTION

1.1 Identification

System Number : CASE-FSKM-1021-01
System Name : “NurHomestay Booking System”
System Abbreviation : NBS

1.2 System Overview

This paragraph describes the purpose of the system and the CSCI to which this STD applies.

Purpose of the system:

The NurHomestay booking system aims to improve the day-to-day operations of homestays by offering a platform for employees to handle customer bookings and refunds, as well as enabling homestay owners to handle Nurhomestay employees and homestay information. It also intends to make it easier for customers to book a homestay at Nurhomestay by offering a platform for them to do so:

- Staff management
- A user friendly system for customer and staff
- Customer booking platform
- Homestay gallery
- Homestay management

Purpose of the CSCI:

NBS is a Webpage that allows customers and staff to engage with the system which contains:

- a) Register Customer Profile
- b) Update Customer Profile
- c) View Customer Profile
- d) Search Homestay Availability
- e) View Branch Homestay
- f) Add Reservation
- g) Update Reservation
- h) View Reservation
- i) Cancel Reservation
- j) Make Payment
- k) View User Profile
- l) Update User Profile
- m) Create Staff Profile
- n) Delete Staff Profile
- o) View List Staff Profile
- p) Add New Branch
- q) Update Branch
- r) Delete Branch
- s) View Schedule Homestay
- t) Refund

1.3 Document Overview

This Software Test Description (STD) document is used to describe the test preparation, test procedure and test cases for achieving the development of the software.

Chapter 1	describes the scope, identification, system overview and document overview
Chapter 2	describes the referenced documents, government documents and non- government documents.
Chapter 3	describes the formal qualification test preparation,
Chapter 4	describes the formal qualification test description,
Chapter 5	describes the notes

2 FORMAL QUALIFICATION TEST PREPARATIONS

This section will describe the test schedule and preparation procedures for each formal qualification test of the CSCI NBS.

Date	Place	Purpose
6 July 2021	Google Meet SHARPIE	User Acceptance Test 1
13 July 2021	Google Meet SHARPIE	User Acceptance Test 2

3 TEST PLAN

3.1 Test of CSCI NBS

The preparations and materials for testing process will be similar for all the tests; will not distinguish each of them in this chapter. The following paragraphs are applied to all.

3.1.1 Testing Schedule

Testing schedule will be started on 6 July and 13 July 2021 based on the Gantt chart in the SDP.

3.1.2 Preparation procedure of the test

It will include the unit test phase and integration phase in which unit testing (CSU testing) and integration testing (CSC testing) are involved to verify that the system is successfully run and meet the client's requirements.

3.1.2.1 Hardware preparation

The testing will be executed online using Google Meet.

3.1.2.2 Software preparation

The testing will be used NBS TEST_BENCH. The Test Bench is installed in appropriate directory. The descriptions of all details required are shown below:-

No	Item	Purpose	Location
1.	Staff's Username	Login account for staff	bbh
2.	Staff's Password	Password account for staff	123456
3.	Manager's Username	Login account for manager	ksoo
4.	Manager's Password	Password account for manager	123456
5.	Customer's Username	Login account for customer	Neelofa
6.	Customer's Password	Password account for customer	123456

3.1.2.3 Other pre-test preparations

Not applicable.

4 FORMAL QUALIFICATION TEST DESCRIPTION

This chapter is shown about formal qualification tests for the NBS as mentioned below:

This chapter identifies formal qualification tests for the CSCI NBS, as mentioned below:

- [1] The test cases prepared.
- [2] The test procedures
- [3] Other associated information regarding the test

The tests in this chapter have been describes in the order below:

CSCIC

Register Customer Profile
Update Customer Profile
View Customer Profile
Search Homestay Availability
View Branch Homestay
Add Reservation
Update Reservation
View Reservation
Cancel Reservation
Make Payment
View User Profile
Update User Profile
Create Staff Profile
Delete Staff Profile
View List Staff Profile
Add New Branch
Update Branch
Delete Branch
View Schedule Homestay
Refund

All the tests are described at the system level.

4.1 Test REGISTER CUSTOMER PROFILE of TEST_NBS_100 “Register Customer Profile”

Type: Demonstration

Level: CSC

The goal of this testing process is to verify that register customer profile features can work properly.

Descriptions:

The TEST_NBS_100 “Register Customer Profile” has included the following tests process:

- i. TEST_NBS_101 “Success Create New Customer Profile”
- ii. TEST_NBS_102 “Did Not Enter Username”
- iii. TEST_NBS_103 “Did Not Enter Full Name”
- iv. TEST_NBS_104 “Did Not Insert Email”
- v. TEST_NBS_105 “Did Not Enter Password”
- vi. TEST_NBS_106 “Did Not Enter Confirm Password”
- vii. TEST_NBS_107 “Mismatch Password and Confirm Password”
- viii. TEST_NBS_108 “Did Not Insert Phone Number”
- ix. TEST_NBS_109 “Did Not Insert Address”
- x. TEST_NBS_110 “Click back link”
- xi. TEST_NBS_111 “Wrong Enter Email”

4.1.1 Test case of TEST_NBS_101 “Success Create New Customer Profile”

The goal of the test case is to verify that successfully creating a new customer profile.

4.1.1.1 Requirements Traceability of TEST_NBS_101

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.1.2 Initialization of TEST_NBS_101

This test case must be initialized after opening the system.

4.1.1.3 Test inputs of TEST_NBS_101

1. Enter Username, Full Name, Email, Password, Confirm Password, Phone Number and Address using keyboard.
2. Click the register button using the mouse.

4.1.1.4 Expected Test Results of TEST_NBS_101

The expected result of this test is that the customer successfully registers an account when the page is redirected to the login page for the customer.

4.1.1.5 Criteria for Evaluating Results of TEST_NBS_101

This test does not have evaluating criteria.

4.1.1.6 Test Procedure of TEST_NBS_101

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Full Name
 - c. Email
 - d. Password
 - e. Confirm Password
 - f. Phone Number
 - g. Address
4. Customers click the “Register” button at the end of the form.
5. System redirect to login page.

4.1.2.7 Assumption and Constraints of TEST_NBS_101

This test case does not need assumptions and constraints.

4.1.2 Test case of TEST_NBS_102 “Did Not Enter Username”

The goal of the test case is to verify that if the field is not filled up by customers, the system will prompt an error message.

4.1.2.1 Requirements Traceability of TEST_NBS_102

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.2.2 Initialization of TEST_NBS_102

This test case must be initialized after opening the system.

4.1.2.3 Test inputs of TEST_NBS_102

1. Enter Full Name, Email, Password, Confirm Password, Phone Number and Address using keyboard.
2. Click the register button using the mouse.

4.1.2.4 Expected Test Results of TEST_NBS_102

System will prompt an error message “Please fill out this field”

4.1.2.5 Criteria for Evaluating Results of TEST_NBS_102

This test does not have evaluating criteria.

4.1.2.6 Test Procedure of TEST_NBS_102

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Full Name
 - b. Email
 - c. Password
 - d. Confirm Password
 - e. Phone Number
 - f. Address
4. Customers click the “Register” button at the end of the form.
5. System prompt an error message that the field is required.

4.1.2.7 Assumption and Constraints of TEST_NBS_102

This test case does not need assumptions and constraints.

4.1.3 Test case of TEST_NBS_103 “Did Not Enter Full Name”

The goal of the test case is to verify that if the field is not filled up by customers, the system will prompt an error message.

4.1.3.1 Requirements Traceability of TEST_NBS_103

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.3.2 Initialization of TEST_NBS_103

This test case must be initialized after opening the system.

4.1.3.3 Test inputs of TEST_NBS_103

1. Enter Username, Email, Password, Confirm Password, Phone Number and Address using keyboard.

2. Click the register button using the mouse.

4.1.3.4 Expected Test Results of TEST_NBS_103

System will prompt an error message “Please fill out this field”

4.1.3.5 Criteria for Evaluating Results of TEST_NBS_103

This test does not have evaluating criteria.

4.1.3.6 Test Procedure of TEST_NBS_103

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Email
 - c. Password
 - d. Confirm Password
 - e. Phone Number
 - f. Address
4. Customers click the “Register” button at the end of the form.
5. System prompt an error message that the field is required.

4.1.3.7 Assumption and Constraints of TEST_NBS_103

This test case does not need assumptions and constraints.

4.1.4 Test case of TEST_NBS_104 “Did Not Insert Email”

The goal of the test case is to verify that if the field is not filled up by customers, the system will prompt an error message.

4.1.4.1 Requirements Traceability of TEST_NBS_104

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.4.2 Initialization of TEST_NBS_104

This test case must be initialized after opening the system.

4.1.4.3 Test inputs of TEST_NBS_104

1. Enter Username, Full Name, Password, Confirm Password, Phone Number and Address using keyboard.
2. Click the register button using the mouse.

4.1.4.4 Expected Test Results of TEST_NBS_104

System will prompt an error message “Please fill out this field”.

4.1.4.5 Criteria for Evaluating Results of TEST_NBS_104

This test does not have evaluating criteria.

4.1.4.6 Test Procedure of TEST_NBS_104

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Full Name
 - c. Password
 - d. Confirm Password
 - e. Phone Number
 - f. Address
4. Customers click the “Register” button at the end of the form.
5. System prompt an error message that the field is required.

4.1.4.7 Assumption and Constraints of TEST_NBS_104

This test case does not need assumptions and constraints.

4.1.5 Test case of TEST_NBS_105 “Did Not Enter Password”

The goal of the test case is to verify that if the field is not filled up by customers, the system will prompt an error message.

4.1.5.1 Requirements Traceability of TEST_NBS_105

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.5.2 Initialization of TEST_NBS_105

This test case must be initialized after opening the system.

4.1.5.3 Test inputs of TEST_NBS_105

1. Enter Username, Email, Full Name, Confirm Password, Phone Number and Address using keyboard.
2. Click the register button using the mouse.

4.1.5.4 Expected Test Results of TEST_NBS_105

System will prompt an error message “Please fill out this field”.

4.1.5.5 Criteria for Evaluating Results of TEST_NBS_105

This test does not have evaluating criteria.

4.1.5.6 Test Procedure of TEST_NBS_105

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Full Name
 - c. Email
 - d. Confirm Password
 - e. Phone Number
 - f. Address
4. Customers click the “Register” button at the end of the form.
5. System prompt an error message that the field is required.

4.1.5.7 Assumption and Constraints of TEST_NBS_105

This test case does not need assumptions and constraints.

4.1.6 Test case of TEST_NBS_106 “Did Not Enter Confirm Password”

The goal of the test case is to verify that if the field is not filled up by customers, the system will prompt an error message.

4.1.6.1 Requirements Traceability of TEST_NBS_106

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.6.2 Initialization of TEST_NBS_106

This test case must be initialized after opening the system.

4.1.6.3 Test inputs of TEST_NBS_106

1. Enter Username, Email, Full Name, Password, Phone Number and Address using keyboard.
2. Click the register button using the mouse.

4.1.6.4 Expected Test Results of TEST_NBS_106

System will prompt an error message “Please fill out this field”.

4.1.6.5 Criteria for Evaluating Results of TEST_NBS_106

This test does not have evaluating criteria.

4.1.6.6 Test Procedure of TEST_NBS_106

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Full Name
 - c. Email
 - d. Password
 - e. Phone Number
 - f. Address
4. Customers click the “Register” button at the end of the form.
5. System prompt an error message that the field is required.

4.1.6.7 Assumption and Constraints of TEST_NBS_106

This test case does not need assumptions and constraints.

4.1.7 Test case of TEST_NBS_107 “Mismatch Password and Confirm Password”

The goal of the test case is to verify that mismatch string between password and confirm password.

4.1.7.1 Requirements Traceability of TEST_NBS_107

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.7.2 Initialization of TEST_NBS_107

This test case must be initialized after opening the system.

4.1.7.3 Test inputs of TEST_NBS_107

1. Enter Username, Email, Full Name, Password, Confirm Password Phone Number and Address using keyboard.
2. Click the register button using the mouse.

4.1.7.4 Expected Test Results of TEST_NBS_107

System will prompt an error message “The new password and confirm password does not match”.

4.1.7.5 Criteria for Evaluating Results of TEST_NBS_107

This test does not have evaluating criteria.

4.1.7.6 Test Procedure of TEST_NBS_107

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Full Name
 - c. Email
 - d. Mismatch Password
 - e. Mismatch Confirm Password
 - f. Phone Number
 - g. Address
4. Customers click the “Register” button at the end of the form.
5. System prompt an error message that the password and confirm password is mismatched.

4.1.7.7 Assumption and Constraints of TEST_NBS_107

This test case does not need assumptions and constraints.

4.1.8 Test case of TEST_NBS_108 “Did Not Insert Phone Number”

The goal of the test case is to verify that if the field is not filled up by customers, the system will prompt an error message.

4.1.8.1 Requirements Traceability of TEST_NBS_108

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.8.2 Initialization of TEST_NBS_108

This test case must be initialized after opening the system.

4.1.8.3 Test inputs of TEST_NBS_108

1. Enter Username, Email, Full Name, Password, Confirm Password and Address using keyboard.
2. Click the register button using the mouse.

4.1.8.4 Expected Test Results of TEST_NBS_108

System will prompt an error message “Please fill out this field”.

4.1.8.5 Criteria for Evaluating Results of TEST_NBS_108

This test does not have evaluating criteria.

4.1.8.6 Test Procedure of TEST_NBS_108

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Full Name
 - c. Email
 - d. Password
 - e. Confirm Password
 - f. Address
4. Customers click the “Register” button at the end of the form.
5. System redirect user to login page.

4.1.8.8 Assumption and Constraints of TEST_NBS_108

This test case does not need assumptions and constraints.

4.1.9 Test case of TEST_NBS_109 “Did Not Insert Address”

The goal of the test case is to verify that if the address field is left blank by the customer, the system will successfully register a customer account.

4.1.9.1 Requirements Traceability of TEST_NBS_109

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.9.2 Initialization of TEST_NBS_109

This test case must be initialized after opening the system.

4.1.9.3 Test inputs of TEST_NBS_109

1. Enter Username, Full Name, Email, Password, Confirm Password and Phone Number using keyboard.
2. Click the register button using the mouse.

4.1.9.4 Expected Test Results of TEST_NBS_109

System will redirect to the login page.

4.1.9.5 Criteria for Evaluating Results of TEST_NBS_109

This test does not have evaluating criteria.

4.1.9.6 Test Procedure of TEST_NBS_109

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Full Name
 - c. Email
 - d. Password
 - e. Confirm Password
 - f. Phone Number
4. Customers click the “Register” button at the end of the form.
5. System redirect to login page.

4.1.9.7 Assumption and Constraints of TEST_NBS_109

This test case does not need assumptions and constraints.

4.1.10 Test case of TEST_NBS_110 “Click Back Link”

The goal of the test case is to verify that customers are able to go to the previous page.

4.1.10.1 Requirements Traceability of TEST_NBS_110

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.10.2 Initialization of TEST_NBS_110

This test case must be initialized after opening the system.

4.1.10.3 Test inputs of TEST_NBS_110

1. Customers click “Back” at the top of the register form.

4.1.10.4 Expected Test Results of TEST_NBS_110

System will redirect customers to the login page.

4.1.10.5 Criteria for Evaluating Results of TEST_NBS_110

This test does not have evaluating criteria.

4.1.10.6 Test Procedure of TEST_NBS_110

1. Customers click “Back” at the top of the register form.
2. System redirect to login page.

4.1.10.7 Assumption and Constraints of TEST_NBS_110

This test case does not need assumptions and constraints.

4.1.11 Test case of TEST_NBS_111 “Wrong Enter Email”

The goal of the test case is to verify that customers insert the wrong email format.

4.1.11.1 Requirements Traceability of TEST_NBS_111

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.1.11.2 Initialization of TEST_NBS_111

This test case must be initialized after opening the system.

4.1.11.3 Test inputs of TEST_NBS_111

1. Enter Username, Phone Number, Wrong Email, Full Name, Password, Confirm Password and Address using keyboard.
2. Click the register button using the mouse.

4.1.11.4 Expected Test Results of TEST_NBS_111

System will prompt an error message “Please include an ‘@’ in the email address”.

4.1.11.5 Criteria for Evaluating Results of TEST_NBS_111

This test does not have evaluating criteria.

4.1.11.6 Test Procedure of TEST_NBS_111

1. Customers go to the login page.
2. Customers click “Sign up now” at the below section.
3. Customers enter a register form.
 - a. Username
 - b. Full Name
 - c. Wrong Email
 - d. Phone Number
 - e. Password
 - f. Confirm Password
 - g. Address
4. Customers click the “Register” button at the end of the form.

4.1.11.7 Assumption and Constraints of TEST_NBS_111

This test case does not need assumptions and constraints.

4.2 Test UPDATE CUSTOMER PROFILE of TEST_NBS_200 “Update Customer Profile”

Type: Demonstration

Level: CSC

The purpose of this testing procedure is to ensure that the update customer profile function is functional.

Descriptions:

The TEST_NBS_200 “Update customer profile” has included the following tests process:

- i. TEST_NBS_201 “Success Update Customer Profile”
- ii. TEST_NBS_202 “Success Update Customer Password”
- iii. TEST_NBS_203 “Did Not Enter Current Password”
- iv. TEST_NBS_204 “Mismatch New Password and Confirm Password”
- v. TEST_NBS_205 “Click View button”

4.2.1 Test case of TEST_NBS_201 “Success Update Customer Profile”

The goal of the test case is to verify the customer manages to successfully update the customer profile.

4.2.1.1 Requirements Traceability of TEST_NBS_201

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.2.1.2 Initialization of TEST_NBS_201

This test case must be initialized after opening the system.

4.2.1.3 Test inputs of TEST_NBS_201

1. Enter Username, Full Name, Email, Address and Phone Number using the keyboard.
2. Click the update button using the mouse.

4.2.1.4 Expected Test Results of TEST_NBS_201

The expected result of this test is that the customer successfully update their profile and received a popup message “Successfully updated”.

4.2.1.5 Criteria for Evaluating Results of TEST_NBS_201

This test does not have evaluating criteria.

4.2.1.6 Test Procedure of TEST_NBS_201

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the “Update Profile Button” at the profile page.
2. Customers update their details in the form:
 - a. Username OR
 - b. Full Name OR
 - c. Phone Number OR
 - d. Address OR
 - e. Email
3. Customers click the “Update” button at the end of the form and receive a popup message “Successfully updated”.

4.2.1.7 Assumption and Constraints of TEST_NBS_201

This test case does not need assumptions and constraints.

4.2.2 Test case of TEST_NBS_202 “Success Update Customer Password”

The goal of the test case is to verify that the customer successfully updated their password.

4.2.2.1 Requirements Traceability of TEST_NBS_202

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.2.2.2 Initialization of TEST_NBS_202

This test case must be initialized after opening the system.

4.2.2.3 Test inputs of TEST_NBS_202

1. Enter Current Password, New Password and Confirm Password using the keyboard.
2. Click the update button using the mouse.

4.2.2.4 Expected Test Results of TEST_NBS_202

The expected result of this test is that the customer can update their password and receive a popup message “Successfully updated”..

4.2.2.5 Criteria for Evaluating Results of TEST_NBS_202

This test does not have evaluating criteria.

4.2.2.6 Test Procedure of TEST_NBS_202

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the “Update Profile Button” at the profile page.
2. Customers update their details in the form:
 - a. Username OR
 - b. Full Name OR
 - c. Phone Number OR
 - d. Address OR
 - e. Email
3. Customers click the “Update” button at the end of the form and receive a popup message “Successfully updated”.

4.2.2.7 Assumption and Constraints of TEST_NBS_202

This test case does not need assumptions and constraints.

4.2.3 Test case of TEST_NBS_203 “Did Not Enter Current Password”

The goal of the test case is to verify that the customer did not enter the current password.

4.2.3.1 Requirements Traceability of TEST_NBS_203

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.2.3.2 Initialization of TEST_NBS_203

This test case must be initialized after opening the system.

4.2.3.3 Test inputs of TEST_NBS_203

1. Enter incorrect Current Password, New Password and Confirm Password using the keyboard.
2. Click the update button using the mouse.

4.2.3.4 Expected Test Results of TEST_NBS_203

The expected result of this test is that the customer does not successfully update the password and popup message “You have entered the wrong old password.”

4.2.3.5 Criteria for Evaluating Results of TEST_NBS_203

This test does not have evaluating criteria.

4.2.3.6 Test Procedure of TEST_NBS_203

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the “Update Profile Button” at the profile page.
2. Customers update their details in the form:
 - a. Username OR
 - b. Full Name OR
 - c. Phone Number OR
 - d. Address OR
 - e. Email
3. Customers click the “Update” button at the end of the form.

4.2.3.7 Assumption and Constraints of TEST_NBS_203

This test case does not need assumptions and constraints.

4.2.4 Test case of TEST_NBS_204 “Mismatch New Password and Confirm Password”

The goal of the test case is to verify that the customer inserted a mismatched new password and confirm the password.

4.2.4.1 Requirements Traceability of TEST_NBS_204

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.2.4.2 Initialization of TEST_NBS_204

This test case must be initialized after opening the system.

4.2.4.3 Test inputs of TEST_NBS_204

1. Enter Current Password, incorrect New Password and incorrect Confirm Password using the keyboard.
2. Click the update button using the mouse.

4.2.4.4 Expected Test Results of TEST_NBS_204

The expected result of this test is that the customer does not successfully update the password and popup message of “The new password and confirm password did not match.”

4.2.4.5 Criteria for Evaluating Results of TEST_NBS_204

This test does not have evaluating criteria.

4.2.4.6 Test Procedure of TEST_NBS_204

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the “Update Profile Button” at the profile page.
2. Customers update their details in the form:
 - a. Username OR
 - b. Full Name OR
 - c. Phone Number OR
 - d. Address OR
 - e. Email
3. Customers click the “Update” button at the end of the form.

4.2.4.7 Assumption and Constraints of TEST_NBS_204

This test case does not need assumptions and constraints.

4.2.5 Test case of TEST_NBS_205 “Click View button”

The goal of the test case is to verify that the customers can go to their profile.

4.2.5.1 Requirements Traceability of TEST_NBS_205

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.2.5.2 Initialization of TEST_NBS_205

This test case must be initialized after opening the system.

4.2.5.3 Test inputs of TEST_NBS_205

1. Click button using Mouse

4.2.5.4 Expected Test Results of TEST_NBS_205

The expected result of this test is that the customers are able to go to their profile.

4.2.5.5 Criteria for Evaluating Results of TEST_NBS_205

This test does not have evaluating criteria.

4.2.5.6 Test Procedure of TEST_NBS_205

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the “Update Profile Button” at the profile page.
2. Customers update their details in the form:
 - a. Username OR
 - b. Full Name OR
 - c. Phone Number OR
 - d. Address OR
 - e. Email
3. Customers click the “Update” button at the end of the form.

4.2.5.7 Assumption and Constraints of TEST_NBS_205

This test case does not need assumptions and constraints.

4.3 Test VIEW CUSTOMER PROFILE of TEST_NBS_300 “View Customer Profile”

Type: Demonstration

Level: CSC

The goal of this testing process is to verify that users can view their customer profile page.

Descriptions:

The TEST_NBS_300 “Customer profile” has included the following tests process:

- i. TEST_NBS_301 “Successfully display customer profile”

4.3.1 Test case of TEST_NBS_301 “Successfully display customer profile”

The goal of the test case is to verify that the system can successfully display a customer profile page for the user.

4.3.1.1 Requirements Traceability of TEST_NBS_301

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.3.1.2 Initialization of TEST_NBS_301

This test case must be initialized after opening the system.

4.3.1.3 Test inputs of TEST_NBS_301

1. Choose button using mouse

4.3.1.4 Expected Test Results of TEST_NBS_301

The expected result of this test is that the system will display a customer profile page.

4.3.1.5 Criteria for Evaluating Results of TEST_NBS_301

This test does not have evaluating criteria.

4.3.1.6 Test Procedure of TEST_NBS_301

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customer clicks to view their profile
2. Customer redirects to view their profile

4.3.1.7 Assumption and Constraints of TEST_NBS_301

This test case does not need assumptions and constraints.

**4.4 Test SEARCH HOMESTAY AVAILABILITY of TEST_NBS_400
“Search Homestay Availability”**

Type: Demonstration

Level: CSC

The goal of this testing process is to verify that search homestay availability works properly.

Descriptions:

The TEST_NBS_400 “Search Homestay Availability” has included the following tests process:

- i. TEST_NBS_401 “Success Search Homestay Availability”

4.4.1 Test case of TEST_NBS_401 “Success Search Homestay Availability”

The goal of the test case is to verify that customers manage to successfully search available homestay.

4.4.1.1 Requirements Traceability of TEST_NBS_401

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.4.1.2 Initialization of TEST_NBS_401

This test case must be initialized after opening the system.

4.4.1.3 Test inputs of TEST_NBS_401

1. Enter check-in date and check-out date using the mouse.
2. Click the update button using the mouse.

4.4.1.4 Expected Test Results of TEST_NBS_401

The expected result of this test is to view a list of available homestays.

4.4.1.5 Criteria for Evaluating Results of TEST_NBS_401

This test does not have evaluating criteria.

4.4.1.6 Test Procedure of TEST_NBS_401

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers insert check-in and check-out dates.
2. Customers are redirected to a list of available homestay.

4.4.1.7 Assumption and Constraints of TEST_NBS_401

This test case does not need assumptions and constraints.

4.5 Test VIEW BRANCH HOMESTAY of TEST_NBS_500 “View Branch Homestay”

Type: Demonstration

Level: CSC

The goal of this testing process is to verify that view branch homestay can work properly.

Descriptions:

The TEST_NBS_500 “view branch homestay” has included the following tests process:

- i. TEST_NBS_501 “Successfully View Branch Homestay”

4.5.1 Test case of TEST_NBS_501 “Successfully View Branch Homestay”

The goal of the test case is to verify that users can successfully view branch homestay.

4.5.1.1 Requirements Traceability of TEST_NBS_501

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.5.1.2 Initialization of TEST_NBS_501

This test case must be initialized after opening the system.

4.5.1.3 Test inputs of TEST_NBS_501

1. Click Button using keyboard

4.5.1.4 Expected Test Results of TEST_NBS_501

The expected result of this test is that customers and staff role are able to view selected branch homestay

4.5.1.5 Criteria for Evaluating Results of TEST_NBS_501

This test does not have evaluating criteria.

4.5.1.6 Test Procedure of TEST_NBS_501

If the login session for CUSTOMER or STAFF role already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456
2. For staff role mode, insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456

Else if the login session for CUSTOMER or STAFF role not yet expired,

1. User clicks the branch homestay link.
2. User manages to view branch homestay

4.5.1.7 Assumption and Constraints of TEST_NBS_501

This test case does not need assumptions and constraints.

4.6 Test ADD RESERVATION of TEST_NBS_600 “Add Reservation”

Type: Demonstration

Level: CSC

The goal of this testing process is to ensure that the customers successfully add reservation.

Descriptions:

The TEST_NBS_600 “Add Reservation” has included the following tests process:

- i. TEST_NBS_601 “Success Add Reservation”

4.6.1 Test case of TEST_NBS_601 “Success Add Reservation”

The goal of the test case is to verify that customers manage to add reservations with success.

4.6.1.1 Requirements Traceability of TEST_NBS_601

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.6.1.2 Initialization of TEST_NBS_601

This test case must be initialized after opening the system.

4.6.1.3 Test inputs of TEST_NBS_601

1. Click checkbox, button and menu using Mouse

4.6.1.4 Expected Test Results of TEST_NBS_601

The expected result of this test is that customers successfully add reservations.

4.6.1.5 Criteria for Evaluating Results of TEST_NBS_601

This test does not have evaluating criteria.

4.6.1.6 Test Procedure of TEST_NBS_601

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers reserve a homestay.
2. Customers are redirected to the payment method page.

4.6.1.7 Assumption and Constraints of TEST_NBS_601

This test case does not need assumptions and constraints.

4.7 Test UPDATE RESERVATION of TEST_NBS_700 “Update Reservation”

Type: Demonstration

Level: CSC

The goal of this testing process is to verify that update reservations work properly.

Descriptions:

The TEST_NBS_700 “Update Reservation” has included the following tests process:

- i. TEST_NBS_701 “Success Update Reservation”
- ii. TEST_NBS_702 “Did Not Enter Check-in Date”
- iii. TEST_NBS_703 “Did Not Enter Check-out Date”
- iv. TEST_NBS_704 “Enter total days more than total reserved date”
- v. TEST_NBS_705 “Click Back Button”

4.7.1 Test case of TEST_NBS_701 “Success Update Reservation”

The goal of the test case is to verify that customers manage to update reservations successfully.

4.7.1.1 Requirements Traceability of TEST_NBS_701

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.7.1.2 Initialization of TEST_NBS_701

This test case must be initialized after opening the system.

4.7.1.3 Test inputs of TEST_NBS_701

1. Click button file using mouse
2. Insert new check-in and check-out date using keyboard.

4.7.1.4 Expected Test Results of TEST_NBS_701

The expected result of this test is that the customers manage to update their reservation successfully and receive a popup message “Successfully updated”.

4.7.1.5 Criteria for Evaluating Results of TEST_NBS_701

This test does not have evaluating criteria.

4.7.1.6 Test Procedure of TEST_NBS_701

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the update button.
2. Customers insert new check-in and check-out dates.
3. Customers click the search button.
4. Customers confirm the new reservation date by clicking the update button and receive a popup message “Successfully updated”.

4.7.1.7 Assumption and Constraints of TEST_NBS_701

This test case does not need assumptions and constraints.

4.7.2 Test case of TEST_NBS_702 “Did Not Enter Check-in Date”

The goal of the test case is to verify that the customer did not enter the check-in date.

4.7.2.1 Requirements Traceability of TEST_NBS_702

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.7.2.2 Initialization of TEST_NBS_702

This test case must be initialized after opening the system.

4.7.2.3 Test inputs of TEST_NBS_702

1. Click the button using the mouse.
2. Enter the date using the keyboard.

4.7.2.4 Expected Test Results of TEST_NBS_702

The expected result of this test is that the customer receives a pop out message saying “please fill out this field” and does not manage to update the reservation.

4.7.2.5 Criteria for Evaluating Results of TEST_NBS_702

This test does not have evaluating criteria.

4.7.2.6 Test Procedure of TEST_NBS_702

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the update button.
2. Customers insert new check-out date only.
3. Customers click the search button.
4. Customers receive an error message.

4.7.2.7 Assumption and Constraints of TEST_NBS_702

This test case does not need assumptions and constraints.

4.7.3 Test case of TEST_NBS_703 “Did Not Enter Check-out Date”

The goal of the test case is to verify that customers did not enter the check-out date.

4.7.3.1 Requirements Traceability of TEST_NBS_703

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.7.3.2 Initialization of TEST_NBS_703

This test case must be initialized after opening the system.

4.7.3.3 Test inputs of TEST_NBS_703

1. Click the button using the mouse.
2. Enter the date using the keyboard.

4.7.3.4 Expected Test Results of TEST_NBS_703

The expected result of this test is that the customer receives a pop out message saying “please fill out this field” and does not manage to update the reservation.

4.7.3.5 Criteria for Evaluating Results of TEST_NBS_703

This test does not have evaluating criteria.

4.7.3.6 Test Procedure of TEST_NBS_703

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the update button.
2. Customers insert new check-in date only.
3. Customers click the search button.
4. Customers receive an error message.

4.7.3.7 Assumption and Constraints of TEST_NBS_703

This test case does not need assumptions and constraints.

4.7.4 Test case of TEST_NBS_704 “Enter total days more than total reserved date”

The goal of the test case is to verify that customers insert total days more than the total reserved date.

4.7.4.1 Requirements Traceability of TEST_NBS_704

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.7.4.2 Initialization of TEST_NBS_704

This test case must be initialized after opening the system.

4.7.4.3 Test inputs of TEST_NBS_704

1. Click the button using the mouse.
2. Insert new check-in and check-out date using keyboard.

4.7.4.4 Expected Test Results of TEST_NBS_704

The expected result of this test is that the system prompts a pop out saying “Please make sure the date you choose does not exceed the total day you are booking” and the customer redirects to the reservation page.

4.7.4.5 Criteria for Evaluating Results of TEST_NBS_704

This test does not have evaluating criteria.

4.7.4.6 Test Procedure of TEST_NBS_704

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the update button.
2. Customers insert a total new date between check-in and check-out dates more than the reserved date.
3. Customers click the search button.
4. Customers receive a pop out message and redirects to the reservation page.

4.7.4.7 Assumption and Constraints of TEST_NBS_704

This test case does not need assumptions and constraints.

4.7.5 Test case of TEST_NBS_705 “Click Back Button”

The goal of the test case is to verify that customers manage to go back to the reservation page.

4.7.5.1 Requirements Traceability of TEST_NBS_705

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.7.5.2 Initialization of TEST_NBS_705

This test case must be initialized after opening the system.

4.7.5.3 Test inputs of TEST_NBS_705

1. Click the button using the mouse.
2. Insert new check-in and check-out date using keyboard.

4.7.5.4 Expected Test Results of TEST_NBS_705

The expected result of this test is that users manage to go to the reservation page.

4.7.5.5 Criteria for Evaluating Results of TEST_NBS_705

This test does not have evaluating criteria.

4.7.5.6 Test Procedure of TEST_NBS_705

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers click the update button on the reservation page.
2. Customer insert new date.
3. Customers click back button
4. Customers are redirected to the reservation page.

4.7.5.7 Assumption and Constraints of TEST_NBS_705

This test case does not need assumptions and constraints.

4.8 Test VIEW RESERVATION of TEST_NBS_800 “View Reservation”

Type: Demonstration

Level: CSC

The goal of this testing process is to verify that view reservation can work properly.

Descriptions:

The TEST_NBS_800 “view reservation” has included the following tests process:

- i. TEST_NBS_801 “Successfully View Reservation”
- ii. TEST_NBS_802 “Click Back button”

4.8.1 Test case of TEST_NBS_801 “Successfully View Reservation”

The goal of the test case is to verify that users successfully view reservations.

4.8.1.1 Requirements Traceability of TEST_NBS_801

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.8.1.2 Initialization of TEST_NBS_801

This test case must be initialized after opening the system.

4.8.1.3 Test inputs of TEST_NBS_801

1. Click text link using mouse

4.8.1.4 Expected Test Results of TEST_NBS_801

The expected result of this test is that users can view reservations.

4.8.1.5 Criteria for Evaluating Results of TEST_NBS_801

This test does not have evaluating criteria.

4.8.1.6 Test Procedure of TEST_NBS_801

If the login session for CUSTOMER or STAFF role already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456
2. For role staff mode, insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456

Else if the login session for CUSTOMER or STAFF not yet expired,

1. User clicks to view reservation on id.
2. User view reservation details.

4.8.1.7 Assumption and Constraints of TEST_NBS_801

This test case does not need assumptions and constraints.

4.8.2 Test case of TEST_NBS_802 “Click Back Button”

The goal of the test case is to verify that customers manage to go back to the reservation page.

4.8.2.1 Requirements Traceability of TEST_NBS_802

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.8.2.2 Initialization of TEST_NBS_802

This test case must be initialized after opening the system.

4.8.2.3 Test inputs of TEST_NBS_802

1. Click the button using the mouse.

4.8.2.4 Expected Test Results of TEST_NBS_802

The expected result of this test is that users manage to go to the reservation page.

4.8.2.5 Criteria for Evaluating Results of TEST_NBS_802

This test does not have evaluating criteria.

4.8.2.6 Test Procedure of TEST_NBS_802

If the login session for CUSTOMER and STAFF role already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456
2. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. User clicks to view reservation on id.
2. User view reservation details.

3. User click back button and go to list of reservation page

4.8.2.7 Assumption and Constraints of TEST_NBS_802

This test case does not need assumptions and constraints.

4.9 Test CANCEL RESERVATION of TEST_NBS_900 “Cancel Reservation”

Type: Demonstration

Level: CSC

The goal of this test is to verify that the intended user can cancel their reservation.

Descriptions:

This test contains the following test cases:

- i. TEST_NBS_901 “Successful Cancel Reservation”
- ii. TEST_NBS_902 “Click Cancel Button”

4.9.1 Test Case of TEST_NBS_901 “Successful Cancel Reservation”

The goal of the test case is to verify the customer can successfully cancel the reservation.

4.9.1.1 Requirements Traceability of TEST_NBS_901

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.9.1.2 Initialization of TEST_NBS_901

This test case must be initialized after opening the system.

4.9.1.3 Test inputs of TEST_NBS_901

1. Click button using mouse

4.9.1.4 Expected Test Results of TEST_NBS_901

Customers successfully cancel their booking.

4.9.1.5 Criteria for Evaluating Results of TEST_NBS_901

This test does not have evaluating criteria.

4.9.1.6 Test Procedure of TEST_NBS_901

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customer clicks cancel reservation button
2. A pop out message saying
“Are you sure to cancel the booking? Take note, once cancelling:
 1. Before two week of check-in, payment excluding deposit will be refund only.
 2. Within two weeks before check-in, payment will be burned.
We will process your refund within two weeks after cancelling the booking.”
3. Customer clicks “yes”

4.9.1.7 Assumption and Constraints of TEST_NBS_901

This test case does not need assumptions and constraints.

4.9.2 Test Case of TEST_NBS_902 “Click Cancel Button”

The goal of the test case is to verify that customers can cancel before confirmation to delete reservations.

4.9.2.1 Requirements Traceability of TEST_NBS_902

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.9.2.2 Initialization of TEST_NBS_902

This test case must be initialized after opening the system.

4.9.2.3 Test inputs of TEST_NBS_902

1. Click the button using the mouse.

4.9.2.4 Expected Test Results of TEST_NBS_902

The expected result is a confirmation popup message to inform customers about the rules if the booking will be canceled whether they will get a refund or not and click ‘cancel’ button.

4.9.2.5 Criteria for Evaluating Results of TEST_NBS_902

This test does not have evaluating criteria.

4.9.2.6 Test Procedure of TEST_NBS_902

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customer click cancel at the popup message that saying,
“Are you sure to cancel the booking? Take note, once cancelling:
 1. Before two week of check-in, payment excluding deposit will be refund only.
 2. Within two weeks before check-in, payment will be burned.
We will process your refund within two weeks after cancelling the booking.””.

4.9.2.7 Assumption and Constraints of TEST_NBS_902

This test case does not need assumptions and constraints.

4.10 Test MAKE PAYMENT of TEST_NBS_1000 “Make Payment”

Type: Demonstration

Level: CSC

The goal of this testing process is to make sure the customer can make the payment.

Descriptions:

The TEST_NBS_1000 “Make payment” has included the following tests process:

- i. TEST_NBS_1001 “Successfully Make Payment”
- ii. TEST_NBS_1002 “Did Not Enter Bank Account”
- iii. TEST_NBS_1003 “Did not check Agree with terms and conditions”
- iv. TEST_NBS_1004 “Click Cancel Button”

4.10.1 Test case of TEST_NBS_1001 “Successfully Make Payment”

The goal of the test case is to verify that customers can successfully make payment based on method of payment.

4.10.1.1 Requirements Traceability of TEST_NBS_1001

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.10.1.2 Initialization of TEST_NBS_1001

This test case must be initialized after opening the system.

4.10.1.3 Test inputs of TEST_NBS_1001

1. Agree to the terms and conditions
2. Click the Button “Pay” using the mouse.

If method of payment is online banking,

1. Insert account banking using keyboard.
2. Click button and dropdown menu using mouse.

4.10.1.4 Expected Test Results of TEST_NBS_1001

The expected result of this test is that users will receive payment receipt.

4.10.1.5 Criteria for Evaluating Results of TEST_NBS_1001

This test does not have evaluating criteria.

4.10.1.6 Test Procedure of TEST_NBS_1001

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

Method of payment is ONLINE BANKING

1. Customers choose a method of payment is ONLINE BANKING.
2. Customers must click the “Agree to the terms and conditions” checkbox.
3. Customers click pay and redirect to the gateway payment page.
4. Customers choose a bank name and insert a bank account.
5. Customers click pay.
6. System will redirect to the receipt page.

Method of payment is CASH

1. Customers choose a method of payment that is CASH.

2. Customers must click the “Agree to the terms and conditions” checkbox.
3. Customers click pay.
4. System will redirect to the receipt page.

4.10.1.7 Assumption and Constraints of TEST_NBS_1001

This test case does not need assumptions and constraints.

4.10.2 TEST_NBS_1002 “Did Not Enter Bank Account”

The goal of the test case is to verify if the customer did not enter bank account details in making payment for an online banking method.

4.10.2.1 Requirements Traceability of TEST_NBS_1002

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.10.2.2 Initialization of TEST_NBS_1002

This test case must be initialized after opening the system.

4.10.2.3 Test inputs of TEST_NBS_1002

1. Agree to the terms and conditions using the mouse.
2. Click the Button “Pay” using the mouse.
3. Insert bank account number using keyboard.

4.10.2.4 Expected Test Results of TEST_NBS_1002

The expected result of this test is the system will prompt the “input field must be filled up” message and customers are not able to make payment.

4.10.2.5 Criteria for Evaluating Results of TEST_NBS_1002

This test does not have evaluating criteria.

4.10.2.6 Test Procedure of TEST_NBS_1002

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired and method

payment is ONLINE BANKING,

1. Customers must click the “Agree to the terms and conditions” checkbox.
2. System will display payment details forms.
3. Customers click the “Pay” button.
4. System prompts an error message that the field is required.

4.10.2.7 Assumption and Constraints of TEST_NBS_1002

This test case does not need assumptions and constraints.

4.10.3 TEST_NBS_1003 “Did not check Agree with terms and conditions”

The goal of the test case is to verify that customers can successfully make payment and receive their payment receipts.

4.10.3.1 Requirements Traceability of TEST_NBS_1003

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.10.3.2 Initialization of TEST_NBS_1003

This test case must be initialized after the user successfully adds a reservation and agrees with the terms and conditions.

4.10.3.3 Test inputs of TEST_NBS_1003

1. Click the Button “Pay” using the mouse.

4.10.3.4 Expected Test Results of TEST_NBS_1003

The expected result of this test is that the system will prompt a “please check this box if you want to proceed” message and customers cannot make payment.

4.10.3.5 Criteria for Evaluating Results of TEST_NBS_1003

This test does not have evaluating criteria.

4.10.3.6 Test Procedure of TEST_NBS_1003

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa

b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customers choose a method of payment.
2. Customers click the “Pay” button.
3. System prompt an error message that the checkbox is required.

4.10.3.7 Assumption and Constraints of TEST_NBS_1003

This test case does not need assumptions and constraints.

4.10.4 Test Case of TEST_NBS_1004 “Click Cancel Button”

The goal of the test case is to verify that customers can cancel before confirmation to delete reservations.

4.10.4.1 Requirements Traceability of TEST_NBS_1004

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.10.4.2 Initialization of TEST_NBS_1004

This test case must be initialized after opening the system.

4.10.4.3 Test inputs of TEST_NBS_1004

1. Click the button using the mouse.

4.10.4.4 Expected Test Results of TEST_NBS_1004

System will not cancel the reservation.

4.10.4.5 Criteria for Evaluating Results of TEST_NBS_1004

This test does not have evaluating criteria.

4.10.4.6 Test Procedure of TEST_NBS_1004

If the login session for CUSTOMER already expired,

1. For customer mode insert valid username and valid password
 - a. Username: Neelofa
 - b. Password: 123456

Else if the login session for CUSTOMER not yet expired,

1. Customer clicks cancel.

2. System redirects to the home page.

4.10.4.7 Assumption and Constraints of TEST_NBS_1004

This test case does not need assumptions and constraints.

4.11 Test VIEW USER PROFILE of TEST_NBS_1100 “View Users Profile”

Type: Demonstration

Level: CSC

The goal of this testing process is to verify that users can view their profile page.

Descriptions:

The TEST_NBS_1100 “View User Profile” has included the following tests process:

- i. TEST_NBS_1101 “Successfully Display User Profile”

4.11.1 Test case of TEST_NBS_1101 “Successfully Display User Profile”

The goal of the test case is to verify that the system can successfully display a User Profile for specific user.

4.11.1.1 Requirements Traceability of TEST_NBS_1101

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.11.1.2 Initialization of TEST_NBS_1101

This test case must be initialized after opening the system.

4.11.1.3 Test inputs of TEST_NBS_1101

1. Click Button using mouse

4.11.1.4 Expected Test Results of TEST_NBS_1101

The expected result of this test is that the system will display a staff or manager role profile page.

4.11.1.5 Criteria for Evaluating Results of TEST_NBS_1101

This test does not have evaluating criteria.

4.11.1.6 Test Procedure of TEST_NBS_1101

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - a. Username:ksoo
 - b. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. User will click “profile” button located on the left navigation panel
2. System will display the profile page.

4.11.1.7 Assumption and Constraints of TEST_NBS_1101

This test case does not need assumptions and constraints.

4.12 Test UPDATE USER PROFILE of TEST_NBS_1200 “Update User Profile”

Type: Demonstration

Level: CSC

The purpose of this testing procedure is to ensure that the update User Profile function is functional.

Descriptions:

The TEST_NBS_1200 “Update User Profile” has included the following tests process:

- i. TEST_NBS_1201 “Success Update User Profile”
- ii. TEST_NBS_1202 “Success Update User Password”
- iii. TEST_NBS_1203 “Did Not Enter Current Password”
- iv. TEST_NBS_1204 “Mismatch New Password and Confirm Password”
- v. TEST_NBS_1205 “Click View button”

4.12.1 Test case of TEST_NBS_1201 “Success Update User Profile”

The goal of the test case is to verify the user manages to successfully update their profile.

4.12.1.1 Requirements Traceability of TEST_NBS_1201

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.12.1.2 Initialization of TEST_NBS_1201

This test case must be initialized after opening the system.

4.12.1.3 Test inputs of TEST_NBS_1201

1. Enter Username, Full Name, Email, Address and Phone Number using the keyboard.
2. Click the update button using the mouse.

4.12.1.4 Expected Test Results of TEST_NBS_1201

The expected result of this test is that the an alert message appear that “Success Updated” to inform user successfully updated for profile

4.12.1.5 Criteria for Evaluating Results of TEST_NBS_1201

This test does not have evaluating criteria.

4.12.1.6 Test Procedure of TEST_NBS_1201

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - a. Username:ksoo
 - b. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. Users click the “Update Profile Button” at the profile page.
2. Users update their details in the form:
 - a. Username OR
 - b. Full Name OR
 - c. Phone Number OR
 - d. Address OR
 - e. Email
3. Users click the “Update” button at the end of the form.

4.12.1.7 Assumption and Constraints of TEST_NBS_1201

This test case does not need assumptions and constraints.

4.12.2 Test case of TEST_NBS_1202 “Success Update Users Password”

The goal of the test case is to verify that the user successfully updated their password.

4.12.2.1 Requirements Traceability of TEST_NBS_1202

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.12.2.2 Initialization of TEST_NBS_1202

This test case must be initialized after opening the system.

4.12.2.3 Test inputs of TEST_NBS_1202

1. Enter Current Password, New Password and Confirm Password using the keyboard.
2. Click the update button using the mouse.

4.12.2.4 Expected Test Results of TEST_NBS_1202

The expected result of this test is that an alert message appear that “Success Updated” to inform user successfully updated for profile.

4.12.2.5 Criteria for Evaluating Results of TEST_NBS_1202

This test does not have evaluating criteria.

4.12.2.6 Test Procedure of TEST_NBS_1202

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - c. Username:ksoo
 - d. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. Users click the “Update Password” at the profile page.

2. Users update their details in the form:
 - a. Current Password
 - b. New Password
 - c. Confirm Password
3. Users click the “Update” button at the end of the form.

4.12.2.7 Assumption and Constraints of TEST_NBS_1202

This test case does not need assumptions and constraints.

4.12.3 Test case of TEST_NBS_1203 “Did Not Enter Current Password”

The goal of the test case is to verify that the user did not enter the current password.

4.12.3.1 Requirements Traceability of TEST_NBS_1203

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.12.3.2 Initialization of TEST_NBS_1203

This test case must be initialized after opening the system.

4.12.3.3 Test inputs of TEST_NBS_1203

1. Enter incorrect Current Password, New Password and Confirm Password using the keyboard.
2. Click the update button using the mouse.

4.12.3.4 Expected Test Results of TEST_NBS_1203

The expected result of this test is that the user does not successfully update the password and popup the message “You have entered the wrong old password.”

4.12.3.5 Criteria for Evaluating Results of TEST_NBS_1203

This test does not have evaluating criteria.

4.12.3.6 Test Procedure of TEST_NBS_1203

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password

- a. Username: bbh
- b. Password: 123456
2. For manager mode, insert valid username and valid password
 - e. Username:ksoo
 - f. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. Customers click the “Update Profile Button” at the profile page.
2. Customers update their details in the form:
 - a. Incorrect Current Password
 - b. New Password
 - c. Confirm Password
3. Customers click the “Update” button at the end of the form.

4.12.3.7 Assumption and Constraints of TEST_NBS_1203

This test case does not need assumptions and constraints.

4.12.4 Test case of TEST_NBS_1204 “Mismatch New Password and Confirm Password”

The goal of the test case is to verify that the user inserted a mismatched new password and confirm the password.

4.12.4.1 Requirements Traceability of TEST_NBS_1204

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.12.4.2 Initialization of TEST_NBS_1204

This test case must be initialized after opening the system.

4.12.4.3 Test inputs of TEST_NBS_1204

1. Enter Current Password, incorrect New Password and incorrect Confirm Password using the keyboard.
2. Click the update button using the mouse.

4.12.4.4 Expected Test Results of TEST_NBS_1204

The expected result of this test is that the user does not successfully update the password and popup message of “The new password and confirm password did not match.”

4.12.4.5 Criteria for Evaluating Results of TEST_NBS_1204

This test does not have evaluating criteria.

4.12.4.6 Test Procedure of TEST_NBS_1204

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - g. Username:ksoo
 - h. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. Customers click the “Update Profile Button” at the profile page.
2. Customers update their details in the form:
 - a. Current Password
 - b. Incorrect New Password
 - c. Incorrect Confirm Password
3. Customers click the “Update” button at the end of the form.

4.12.4.7 Assumption and Constraints of TEST_NBS_1204

This test case does not need assumptions and constraints.

4.12.5 Test case of TEST_NBS_1205 “Click View button”

The goal of the test case is to verify that the user can go to their profile.

4.12.5.1 Requirements Traceability of TEST_NBS_1205

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.12.5.2 Initialization of TEST_NBS_1205

This test case must be initialized after opening the system.

4.12.5.3 Test inputs of TEST_NBS_1205

1. Click button using Mouse

4.12.5.4 Expected Test Results of TEST_NBS_1205

The expected result of this test is that the user is able to go to their profile.

4.12.5.5 Criteria for Evaluating Results of TEST_NBS_1205

This test does not have evaluating criteria.

4.12.5.6 Test Procedure of TEST_NBS_1205

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - i. Username:ksoo
 - j. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. Customers click “View” at the top left of the page.
2. System redirect to profile page.

4.12.5.7 Assumption and Constraints of TEST_NBS_1205

This test case does not need assumptions and constraints.

4.13 Test CREATE STAFF PROFILE of TEST_NBS_1300 “Create Staff Profile”

Type: Demonstration

Level: CSC

The goal of this testing process is to verify that create staff profile features can work properly.

Descriptions:

The TEST_NBS_1300 “Create staff profile” has included the following tests process:

- i. TEST_NBS_1301 “Success Create New Staff Profile”
- ii. TEST_NBS_1302 “Did Not Enter Username”
- iii. TEST_NBS_1303 “Did Not Enter Staff Name”
- iv. TEST_NBS_1304 “Did Not Insert Staff Phone”
- v. TEST_NBS_1305 “Did Not Insert Staff Email”
- vi. TEST_NBS_1306 “Insert Wrong Email Format”
- vii. TEST_NBS_1307 “Did Not Enter Staff Address”
- viii. TEST_NBS_1308 “Did Not Insert Staff Password”

4.13.1 Test case of TEST_NBS_1301 “Success Create New Staff Profile”

The goal of the test case is to verify the user successfully inserts staff profile information correctly.

4.13.1.1 Requirements Traceability of TEST_NBS_1301

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.13.1.2 Initialization of TEST_NBS_1301

This test case must be initialized after opening the system.

4.13.1.3 Test inputs of TEST_NBS_1301

1. Staff name, staff phone, staff email, staff address, staff password and staff position.
2. Click the “Add Staff” button.

4.13.1.4 Expected Test Results of TEST_NBS_1301

The expected result of this test is that the manager role will be directed to the list of all staff pages that has been added.

4.13.1.5 Criteria for Evaluating Results of TEST_NBS_1301

This test does not have evaluating criteria.

4.13.1.6 Test Procedure of TEST_NBS_1301

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. Manager needs to log in
2. first into the system.
3. Manager needs to click “STAFF” at navigation and click the “ADD STAFF” link.
4. Manager insert staff details in the form:
 - a. Staff Name
 - b. Staff Phone
 - c. Staff Email
 - d. Staff Address
 - e. Staff Password
 - f. Position
5. Manager clicks the “Submit” button.
6. System will redirect to the list staff page.

4.13.1.7 Assumption and Constraints of TEST_NBS_1301

This test case does not need assumptions and constraints.

4.13.2 Test case of TEST_NBS_1302 “Did Not Enter Username”

The goal of the test case is to verify and ensure the user has inserted the staff username in the input field.

4.13.2.1 Requirements Traceability of TEST_NBS_1302

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.13.2.2 Initialization of TEST_NBS_1302

This test case must be initialized after opening the system and all other information is being filled correctly.

4.13.2.3 Test inputs of TEST_NBS_1302

1. Staff name, staff phone, staff email, staff address, staff password and position.
2. Click the “Submit” button.

4.13.2.4 Expected Test Results of TEST_NBS_1302

The system will prompt the “input field must be filled up” message.

4.13.2.5 Criteria for Evaluating Results of TEST_NBS_1302

This test does not have evaluating criteria.

4.13.2.6 Test Procedure of TEST_NBS_1302

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. Manager needs to log in first to the system.
2. Manager click “STAFF” at navigation and click the “ADD STAFF” link.
3. System will display the add staff form.
4. Manager insert staff details in the form:
 - a. Staff Name
 - b. Staff Phone
 - c. Staff Email
 - d. Staff Address
 - e. Staff Password
 - f. Position
5. Manager needs to click the “Submit” button.
6. System prompt an error message that the field is required.

4.13.2.7 Assumption and Constraints of TEST_NBS_1302

This test case does not need assumptions and constraints.

4.13.3 Test case of TEST_NBS_1303 “Did Not Enter Staff Name”

The goal of the test case is to verify and ensure the user has inserted a staff name in the input field.

4.13.3.1 Requirements Traceability of TEST_NBS_1303

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.13.3.2 Initialization of TEST_NBS_1303

This test case must be initialized after opening the system and all other information is being filled correctly.

4.13.3.3 Test inputs of TEST_NBS_1303

1. Staff username, staff phone, staff email, staff address, staff password, staff position
2. Click the “Submit” button.

4.13.3.4 Expected Test Results of TEST_NBS_1303

The expected result of this test is that the system will prompt an “input field must be filled up” message.

4.13.3.5 Criteria for Evaluating Results of TEST_NBS_1303

This test does not have evaluating criteria.

4.13.3.6 Test Procedure of TEST_NBS_1303

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. Manager need to login first
2. Manager click “STAFF” at navigation and click the “ADD STAFF” link.
3. System will display the add staff form.
4. Manager insert staff details in the form:
 - a. Username
 - b. Staff Phone
 - c. Staff Email
 - d. Staff Address
 - e. Staff Password
 - f. Position
5. Manager needs to click the “Submit” button.
6. System prompt an error message that the field is required.

4.13.3.7 Assumption and Constraints of TEST_NBS_1303

This test case does not need assumptions and constraints.

4.13.4 Test case of TEST_NBS_1304 “Did Not Insert Staff Phone”

The goal of the test case is to verify and ensure the user inserted the staff phone number in the input field.

4.13.4.1 Requirements Traceability of TEST_NBS_1304

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.13.4.2 Initialization of TEST_NBS_1304

This test case must be initialized after opening the system and all other information is being filled correctly.

4.13.4.3 Test inputs of TEST_NBS_1304

1. Username, staff name, staff email, staff address, staff password and position.
2. Click the “Submit” button.

4.13.4.4 Expected Test Results of TEST_NBS_1304

The expected result of this test is that the system will prompt an “input field must be filled up” message.

4.13.4.5 Criteria for Evaluating Results of TEST_NBS_1304

This test does not have evaluating criteria.

4.13.4.6 Test Procedure of TEST_NBS_1304

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. Manager need to login first
2. Manager click “STAFF” at navigation and click the “ADD STAFF” link.
3. System will display the add staff form.
4. Manager insert staff details in the form:
 - a. Staff Username
 - b. Staff Name
 - c. Staff Email

- d. Staff Address
 - e. Staff Password
 - f. Position
- 5. Manager needs to click the “Submit” button.
 - 6. System prompt an error message that the field is required.

4.13.4.7 Assumption and Constraints of TEST_NBS_1304

This test case does not need assumptions and constraints.

4.13.5 Test case of TEST_NBS_1305 “Did Not Insert Staff Email”

The goal of the test case is to verify and ensure the user inserted the staff email in the input field.

4.13.5.1 Requirements Traceability of TEST_NBS_1305

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.13.5.2 Initialization of TEST_NBS_1305

This test case must be initialized after opening the system and other information is filled correctly.

4.13.5.3 Test inputs of TEST_NBS_1305

- 1. Staff username, staff name, staff phone, staff address, staff password and position.
- 2. Click the “Submit” button.

4.13.5.4 Expected Test Results of TEST_NBS_1305

The expected result of this test is that the system will prompt an “input field must be filled up” message.

4.13.5.5 Criteria for Evaluating Results of TEST_NBS_1305

This test does not have evaluating criteria.

4.13.5.6 Test Procedure of TEST_NBS_1305

If the login session for MANAGER role already expired,

- 1. For manager mode insert valid username and valid password

- a. Username: ksoo
- b. Password: 123456

Else if the login session for MANAGER role not yet expired,

- 1. Manager need to login first
- 2. Manager click “STAFF” at navigation and click the “ADD STAFF” link.
- 3. System will display the add staff form.
- 4. Manager insert staff details in the form:
 - a. Username
 - b. Staff Name
 - c. Staff Phone
 - d. Staff Address
 - e. Staff password
 - f. Position
- 5. Manager needs to click the “Submit” button.
- 6. System prompt an error message that the field is required.

4.13.5.7 Assumption and Constraints of TEST_NBS_1305

This test case does not need assumptions and constraints.

4.13.6 Test case of TEST_NBS_1306 “Insert Wrong Email Format”

The goal of the test case is to verify the user inserted the correct email format in the input field.

4.13.6.1 Requirements Traceability of TEST_NBS_1306

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.13.6.2 Initialization of TEST_NBS_1306

This test case must be initialized after opening the system and other information is filled correctly.

4.13.6.3 Test inputs of TEST_NBS_1306

- 1. Username, staff name, staff phone, staff address, staff password and position.
- 2. Enter the wrong staff email format without @.
- 3. Click the “Submit” button.

4.13.6.4 Expected Test Results of TEST_NBS_1306

The expected result of this test is that the system will prompt an “invalid email format” message.

4.13.6.5 Criteria for Evaluating Results of TEST_NBS_1306

This test does not have evaluating criteria.

4.13.6.6 Test Procedure of TEST_NBS_1306

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. Manager need to login first
2. Manager click “STAFF” at navigation and click the “ADD STAFF” link.
3. System will display the add staff form.
4. Manager insert customer details in the form:
 - a. Username
 - b. Staff Name
 - c. Staff Phone
 - d. Staff Email without @ format
 - e. Staff Address
 - f. Staff Password
 - g. Position
5. Manager needs to click the “Submit” button.
6. System prompt an error message that the field is required.

4.13.6.7 Assumption and Constraints of TEST_NBS_1306

This test case does not need assumptions and constraints.

4.13.7 Test case of TEST_NBS_1307 “Did Not Enter Staff Address”

The goal of the test case is to verify and ensure the user inserted a staff address in the input field.

4.13.7.1 Requirements Traceability of TEST_NBS_1307

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.13.7.2 Initialization of TEST_NBS_1307

This test case must be initialized after opening the system and other information is filled correctly..

4.13.7.3 Test inputs of TEST_NBS_1307

1. Username, staff name, staff phone, staff email, staff password and position.
2. Click the “Submit” button.

4.13.7.4 Expected Test Results of TEST_NBS_1307

The expected result of this test is the system will prompt an “input field must be filled up” message.

4.13.7.5 Criteria for Evaluating Results of TEST_NBS_1307

This test does not have evaluating criteria.

4.13.7.6 Test Procedure of TEST_NBS_1307

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. Manager need to login first
2. Manager click “STAFF” at navigation and click the “ADD STAFF” link.
3. System will display the add staff form.
4. Manager insert staff details in the form:
 - a. Username
 - b. Staff Name
 - c. Staff Phone
 - d. Staff Email
 - e. Staff password
 - f. Position
5. Manager needs to click the “Submit” button.
6. System prompt an error message that the field is required.

4.13.7.7 Assumption and Constraints of TEST_NBS_1307

This test case does not need assumptions and constraints.

4.13.8 Test case of TEST_NBS_1308 “Did Not Insert Staff Password”

The goal of the test case is to verify and ensure the user inserted a staff password in the input field.

4.13.8.1 Requirements Traceability of TEST_NBS_1308

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.13.8.2 Initialization of TEST_NBS_1308

This test case must be initialized after opening the system and other information is filled correctly.

4.13.8.3 Test inputs of TEST_NBS_1308

1. Username, staff name, staff phone, staff email, staff password and position.
2. Click the “Submit” button.

4.13.8.4 Expected Test Results of TEST_NBS_1308

The expected result of this test is the system will prompt the “input field must be filled up” message.

4.13.8.5 Criteria for Evaluating Results of TEST_NBS_1308

This test does not have evaluating criteria.

4.13.8.6 Test Procedure of TEST_NBS_1308

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. Manager need to login first
2. Manager click “STAFF” at navigation and click the “ADD STAFF” link.

3. System will display the add staff form.
4. Manager enter staff details in the form:
 - a. Username
 - b. Staff Name
 - c. Staff Phone
 - d. Staff Email
 - e. Staff Password
 - f. Position
5. Manager needs to click the "Submit" button.
6. System prompt an error message that the field is required.

4.13.8.7 Assumption and Constraints of TEST_NBS_1308

This test case does not need assumptions and constraints.

4.14 Test DELETE STAFF PROFILE of TEST_NBS_1400 "Delete Staff Profile"

Type: Demonstration

Level: CSC

The purpose of this testing procedure is to ensure that the Delete staff profile function is functional.

Descriptions:

The TEST_NBS_1400 "Delete staff profile" has included the following tests process:

- i. TEST_NBS_1401 "Successfully Delete Staff Profile"

4.14.1 Test case of TEST_NBS_1401 "Delete Staff Profile"

The goal of the test case is to verify that the chosen staff profile can be successfully deleted.

4.14.1.1 Requirements Traceability of TEST_NBS_1401

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.14.1.2 Initialization of TEST_NBS_1401

This test case must be initialized after opening the system.

4.14.1.3 Test inputs of TEST_NBS_1401

Click Button using mouse

4.14.1.4 Expected Test Results of TEST_NBS_1401

The expected result of this test is that the users can delete the staff profile after they answer 'OK' in confirmation popup messages that appear. Then, the staff or manager details will disappear.

4.14.1.5 Criteria for Evaluating Results of TEST_NBS_1401

This test does not have evaluating criteria.

4.14.1.6 Test Procedure of TEST_NBS_1401

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. User click on staff dropdown button
2. User click list of staff button
3. User click delete button "trash can" icon
4. User click 'OK' at prompt message
5. Selected staff or manager details disappear

4.14.1.7 Assumption and Constraints of TEST_NBS_1401

This test case does not need assumptions and constraints.

4.15 Test VIEW LIST STAFF PROFILE of TEST_NBS_1500 "View Staff List Profile"

Type: Demonstration

Level: CSC

The goal of this testing process to ensure that user can view a list of staff.

Descriptions:

The TEST_NBS_1500 "view list staff profile" has included the following tests process:

- i. TEST_NBS_1501 "Successfully display the list of staff"

4.15.1 Test case of TEST_NBS_1501 “Successfully display the list of staff”

The goal of the test case is to verify that users can view a list of staff.

4.15.1.1 Requirements Traceability of TEST_NBS_1501

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.15.1.2 Initialization of TEST_NBS_1501

This test case must be initialized after opening the system.

4.15.1.3 Test inputs of TEST_NBS_1501

1. Click Button using mouse

4.15.1.4 Expected Test Results of TEST_NBS_1501

The expected result of this test is that the user can view the list of staff.

4.15.1.5 Criteria for Evaluating Results of TEST_NBS_1501

This test does not have evaluating criteria.

4.15.1.6 Test Procedure of TEST_NBS_1501

If the login session for MANAGER role already expired,

1. For manager mode insert valid username and valid password
 - a. Username: ksoo
 - b. Password: 123456

Else if the login session for MANAGER role not yet expired,

1. User click on staff dropdown button
2. User click list of staff button
3. List of staff displayed for the user

4.15.1.7 Assumption and Constraints of TEST_NBS_1501

This test case does not need assumptions and constraints.

4.16 Test ADD NEW BRANCH of TEST_NBS_1600 “Add New Branch”

Type: Demonstration

Level: CSC

The goal of this testing process is for users to add a new branch into the system.

Descriptions:

The TEST_NBS_1600 “add new branch” has included the following tests process:

- i. TEST_NBS_1601 “Successfully Add New Branch”
- ii. TEST_NBS_1602 “Did Not Insert Branch name”
- iii. TEST_NBS_1603 “Did Not Enter address”
- iv. TEST_NBS_1604 “Did Not Insert description”
- v. TEST_NBS_1605 “Did Not Enter deposit(RM)”

4.16.1 Test case of TEST_NBS_1601 “Successfully Add New Branch”

The goal of the test case is to verify that users can successfully add a new homestay branch to the system.

4.16.1.1 Requirements Traceability of TEST_NBS_1601

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.16.1.2 Initialization of TEST_NBS_1601

This test case must be initialized after opening the system.

4.16.1.3 Test inputs of TEST_NBS_1601

Click Button using mouse and type the input using keyboard

4.16.1.4 Expected Test Results of TEST_NBS_1601

The expected result of this test is that after the user successfully added a new homestay branch.

4.16.1.5 Criteria for Evaluating Results of TEST_NBS_1601

This test does not have evaluating criteria.

4.16.1.6 Test Procedure of TEST_NBS_1601

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - k. Username:ksoo

1. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. User will click on “Branch” drop down button
2. User will click “Add Branch” button
3. User will be greeted with Add Branch form
4. User will fill all required form
5. User click “ADD” button to submit the form
6. User will be directed to list branch page
7. User click images button and insert images

4.16.1.7 Assumption and Constraints of TEST_NBS_1601

This test case does not need assumptions and constraints.

4.16.2 Test case of TEST_NBS_1602 “Did Not Enter address”

The goal of the test case is to verify that if there is no value in the address form the system won't submit the form and add the new branch to the system.

4.16.2.1 Requirements Traceability of TEST_NBS_1602

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.16.2.2 Initialization of TEST_NBS_1602

This test case must be initialized after opening the system.

4.16.2.3 Test inputs of TEST_NBS_1602

Click Button using mouse and type the input using keyboard

4.16.2.4 Expected Test Results of TEST_NBS_1602

The expected result of this test is user cannot add new branch and a pop up will appear “please fill out this field”

4.16.2.5 Criteria for Evaluating Results of TEST_NBS_1602

This test does not have evaluating criteria.

4.16.2.6 Test Procedure of TEST_NBS_1602

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password

- a. Username: bbh
- b. Password: 123456
- 2. For manager mode, insert valid username and valid password
 - m. Username:ksoo
 - n. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

- 1. User will click on “Branch” drop down button
- 2. User will click “Add Branch” button
- 3. User will be greeted with Add Branch form
- 4. User will fill all required form except address form
- 5. User click “ADD” button to submit the form

4.16.2.7 Assumption and Constraints of TEST_NBS_1602

This test case does not need assumptions and constraints.

4.16.3 Test case of TEST_NBS_1603 “Did Not Insert description”

The goal of the test case is to verify that if there is no value in the description form the system won't submit the form and add the new branch to the system.

4.16.3.1 Requirements Traceability of TEST_NBS_1603

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.16.3.2 Initialization of TEST_NBS_1603

This test case must be initialized after opening the system.

4.16.3.3 Test inputs of TEST_NBS_1603

Click Button using mouse and type the input using keyboard

4.16.3.4 Expected Test Results of TEST_NBS_1603

The expected result of this test is user cannot add new branch and a pop up will appear “please fill out this field”.

4.16.3.5 Criteria for Evaluating Results of TEST_NBS_1603

This test does not have evaluating criteria.

4.16.3.6 Test Procedure of TEST_NBS_1603

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - o. Username:ksoo
 - p. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. User will click on “Branch” drop down button
2. User will click “Add Branch” button
3. User will be greeted with Add Branch form
4. User will fill all required form except description form
5. User click “ADD” button to submit the form

4.16.3.7 Assumption and Constraints of TEST_NBS_1603

This test case does not need assumptions and constraints.

4.16.4 Test case of TEST_NBS_1604 “ Did Not Enter deposit(RM) ”

The goal of the test case is to verify that if there is no value in the deposit (RM) form the system won't submit the form and add the new branch to the system.

4.16.4.1 Requirements Traceability of TEST_NBS_1604

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.16.4.2 Initialization of TEST_NBS_1604

This test case must be initialized after opening the system.

4.16.4.3 Test inputs of TEST_NBS_1604

Click Button using mouse and type the input using keyboard

4.16.4.4 Expected Test Results of TEST_NBS_1604

The expected result of this test is user cannot add new branch and a pop up will appear “please fill out this field”

4.16.4.5 Criteria for Evaluating Results of TEST_NBS_1604

This test does not have evaluating criteria.

4.16.4.6 Test Procedure of TEST_NBS_1604

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - q. Username:ksoo
 - r. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. User will click on “Branch” drop down button
2. User will click “Add Branch” button
3. User will be greeted with Add Branch form
4. User will fill all required form except deposit(RM) form
5. User click “ADD” button to submit the form

4.16.4.7 Assumption and Constraints of TEST_NBS_1604

This test case does not need assumptions and constraints.

4.16.5 Test case of TEST_NBS_1605 “ Did Not Insert price(RM) ”

The goal of the test case is to verify that if there is no value in the price (RM) form the system won't submit the form and add the new branch to the system.

4.16.5.1 Requirements Traceability of TEST_NBS_1605

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.16.5.2 Initialization of TEST_NBS_1605

This test case must be initialized after opening the system.

4.16.5.3 Test inputs of TEST_NBS_1605

Click Button using mouse and type the input using keyboard

4.16.5.4 Expected Test Results of TEST_NBS_1605

The expected result of this test is user cannot add new branch and a pop up will appear “please fill out this field”

4.16.5.5 Criteria for Evaluating Results of TEST_NBS_1605

This test does not have evaluating criteria.

4.16.5.6 Test Procedure of TEST_NBS_1605

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - s. Username:ksoo
 - t. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. User will click on “Branch” drop down button
2. User will click “Add Branch” button
3. User will be greeted with Add Branch form
4. User will fill all required form except price(RM) form
5. User click “ADD” button to submit the form

4.16.5.7 Assumption and Constraints of TEST_NBS_1605

This test case does not need assumptions and constraints.

4.17 Test UPDATE BRANCH of TEST_NBS_1700 “Update Branch”

Type: Demonstration

Level: CSC

The goal of this testing process is for users to update branch information in the system.

Descriptions:

The TEST_NBS_1700 “Update Branch” has included the following tests process:

1. TEST_NBS_1701 “Successfully Update Branch”

4.17.1 **Test case of TEST_NBS_1701 “Successfully Update Branch”**

The test case's purpose is to ensure that the user may successfully change Branch information in the system.

4.17.1.1 **Requirements Traceability of TEST_NBS_1701**

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.17.1.2 **Initialization of TEST_NBS_1701**

This test case must be initialized after opening the system.

4.17.1.3 **Test inputs of TEST_NBS_1701**

1. Type the input using keyboard

4.17.1.4 **Expected Test Results of TEST_NBS_1701**

The expected result of this test is that users change Branch information in the system and they will be redirected to the list branch page.

4.17.1.5 **Criteria for Evaluating Results of TEST_NBS_1701**

This test does not have evaluating criteria.

4.17.1.6 **Test Procedure of TEST_NBS_1701**

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - u. Username:ksoo
 - v. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. User will click on “Branch” drop down button
2. User will click “List Branch” button
3. User will be display with list of homestay

4. User will click pencil icon in order to edit the selected homestay branch
5. User will be redirected to update branch webpage
6. User will fill in all required form
7. User click Update button to confirm the changes
8. User redirected to list of homestay branch webpage

4.17.1.7 Assumption and Constraints of TEST_NBS_1701

This test case does not need assumptions and constraints.

4.18 Test DELETE BRANCH of TEST_NBS_1800 “Delete Branch”

Type: Demonstration

Level: CSC

The goal of this testing process is to ensure that the Delete branch function is functional

Descriptions:

The TEST_NBS_1800 “Delete Branch” has included the following tests process:

- i. TEST_NBS_1801 “Successfully Delete branch”

4.18.1 Test case of TEST_NBS_1801 “Successfully Logout”

The goal of the test case is to verify that the chosen homestay branch can be successfully deleted.

4.18.1.1 Requirements Traceability of TEST_NBS_1801

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.18.1.2 Initialization of TEST_NBS_1801

This test case must be initialized after opening the system.

4.18.1.3 Test inputs of TEST_NBS_1801

Click Button using mouse

4.18.1.4 Expected Test Results of TEST_NBS_1801

The expected result of this test is that the user need to click 'OK' in confirmation popup message so that they can delete the homestay branch and the list will be disappeared.

4.18.1.5 Criteria for Evaluating Results of TEST_NBS_1801

This test does not have evaluating criteria.

4.18.1.6 Test Procedure of TEST_NBS_1801

If the login session for STAFF role or MANAGER role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456
2. For manager mode, insert valid username and valid password
 - w. Username:ksoo
 - x. Password: 123456

Else if the login session for STAFF or MANAGER not yet expired,

1. User will click on "Branch" drop down button
2. User will click "List Branch" button
3. User will be display with list of homestay
4. User will click trash can icon in order to delete the selected homestay
5. The homestay branch list selected by the user disappears.

4.18.1.7 Assumption and Constraints of TEST_NBS_1801

This test case does not need assumptions and constraints.

4.19 Test VIEW SCHEDULE HOMESTAY of TEST_NBS_1900 "View Schedule Homestay"

Type: Demonstration

Level: CSC

The goal of this testing process is to ensure that users can view the list schedule homestay that is coming soon.

Descriptions:

The TEST_NBS_1900 "View Schedule Homestay" has included the following tests process:

i. TEST_NBS_1901 “Successfully display the schedule homestay”

4.19.1 Test case of TEST_NBS_1901 “Successfully display the schedule homestay”

The goal of the test case is to verify that users can view a list of scheduled homestay that is coming soon.

4.19.1.1 Requirements Traceability of TEST_NBS_1901

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.19.1.2 Initialization of TEST_NBS_1901

This test case must be initialized after opening the system.

4.19.1.3 Test inputs of TEST_NBS_1901

1. Click Button using mouse

4.19.1.4 Expected Test Results of TEST_NBS_1901

The expected result of this test is that the user can view a list of scheduled homestay that is coming soon sort by the check-in time ascending order

4.19.1.5 Criteria for Evaluating Results of TEST_NBS_1901

This test does not have evaluating criteria.

4.19.1.6 Test Procedure of TEST_NBS_1901

If the login session for STAFF role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456

Else if the login session for STAFF not yet expired,

1. User click on branch dropdown button
2. User click list of branch button
3. List of branch displayed for the user

4.19.1.7 Assumption and Constraints of TEST_NBS_1901

This test case does not need assumptions and constraints.

4.20 Test REFUND of TEST_NBS_2000 “Refund”

Type: Demonstration

Level: CSC

The goal of this testing process is to refund from cancelation of reservation.

Descriptions:

The TEST_NBS_2000 “Refund” has included the following tests process:

- i. TEST_NBS_2001 “Successfully Refund”

4.20.1 Test case of TEST_NBS_2001 “Successfully Logout”

The goal of the test case is to verify the user is able to refund the customer’s money

4.20.1.1 **Requirements Traceability of TEST_NBS_2001**

The traceability of the entire documents is described in **Appendix A: Requirements Traceability of Software Testing Design**

4.20.1.2 **Initialization of TEST_NBS_2001**

This test case must be initialized after opening the system.

4.20.1.3 **Test inputs of TEST_NBS_2001**

1. Tick the box using mouse

4.20.1.4 **Expected Test Results of TEST_NBS_2001**

The expected result of this test is that the user refunds the customer's money.

4.20.1.5 **Criteria for Evaluating Results of TEST_NBS_2001**

This test does not have evaluating criteria.

4.20.1.6 **Test Procedure of TEST_NBS_2001**

If the login session for STAFF role already expired,

1. For staff mode insert valid username and valid password
 - a. Username: bbh
 - b. Password: 123456

Else if the login session for STAFF not yet expired,

1. User clicks refund menu.
2. User ticks the box.
3. User successfully refunds.

4.20.1.7 Assumption and Constraints of TEST_NBS_2001

This test case does not need assumptions and constraints.

5. NOTES

Abbreviation used:

CI	-	Configuration Item
CSC	-	Computer Software Component
CSCI	-	Component Software Configuration Item
CSU	-	Computer Software Unit
SCM	-	Software Configuration Manager
SDD	-	Software Design Document
SDP	-	Software Development Plan
SRS	-	Software Requirement Specification

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