




TEST PROCEDURE SPECIFICATION

KAU Hospital System (KHS)
Independence Verification and Validation


Version : 1.0.0
Date : 28/05/2024

Project Title: KHS Independent Verification and Validation		
Date: 28/05/2024	Test Procedure Specification ID: KHS_TPS_1_1.0.0	

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1.0 Introduction

1.1 Purpose

This procedure describes the steps necessary to perform the test specific in the test design specification for KAU Hospital System. The procedure describes the execution of test case described in Test Case Specification Kau Hospital system 1.0.0.

For test design specification and test cases, please refer to the following documents:

- i. KHS Test Design Specifications (KHS_TDS_1_1.0.0)
- ii. KHS Test Case Specifications (KHS_TCS_1_1.0.0)

1.2 Scope

The following features are covered in this procedure:

Feature ID	Feature	Description	Accessible Role
F001	Add Doctor	To add doctor into database	User Admin
F002	Add Patient	To add patient into database	User Admin
F003	Add Medicine	To add medicine into database	User Admin
F004	Add Nurse	To add nurse into database	User Admin
F005	Add Room	To add room into database	User Admin


1.3 References

The following IEEE standards have been referenced in preparation of this document:

- i. IEEE 829-2008 Standard for Software and System Test Documentation

The following documents provide the test basis for this test design:

- i. KHS Software Requirement Specifications (KHS_SRS_1.0)
- ii. KHS System Design Specifications (KHS_SDS_1.0)


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2.0 Test Procedure

2.1 Add Doctor

Test Procedure ID	TP-01-001
Objective	To add Doctor
Test Case To Be Executed	TC-01-001, TC-01-002, TC-01-003, TC-01-004, TC-01-005, TC-01-006, TC-01-007, TC-01-008, TC-01-009, TC-01-010, TC-01-011, TC-01-012, TC-01-013, TC-01-014, TC-01-015, TC-01-016, TC-01-017, TC-01-018, TC-01-019, TC-01-020, TC-01-021, TC-01-022, TC-01-023
Set Up	<ol style="list-style-type: none"> 1. Open Kau Hospital System 2. System display the menu option 3. Press '2' to add nurse 4. System display the prompt for doctorId and gender 5. Press "5001" to input valid nurseld 6. Press "F" to input gender 7. Execute step 5 and 6
Wrap Up	None


Table 2.1 Test Procedure add Doctor

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2.2 Add Patient

Test Procedure ID	TP-02-001
Objective	To add Patient
Test Case To Be Executed	TC-02-001, TC-02-002, TC-02-003, TC-02-004, TC-02-005, TC-02-006, TC-02-007, TC-02-008, TC-02-009, TC-02-010, TC-02-011, TC-02-012, TC-02-013, TC-02-014, TC-02-015, TC-02-016, TC-02-017
Set Up	<ol style="list-style-type: none"> 1. Open Kau Hospital System 2. System display the menu option 3. Press '4' to add Patient 4. System display the prompt for Patient ID and Illness 5. Press "1234" to input valid Patient ID 6. Write"Fever" to input valid illness 7. Execute step 5 and 6
Wrap Up	None


Table 2.2 Test Procedure add Patient

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2.3 Add Medicine

Test Procedure ID	TP-03-001
Objective	To add Medicine
Test Case To Be Executed	TC-03-001, TC-03-002, TC-03-003, TC-03-004, TC-03-005, TC-03-006, TC-03-007, TC-03-008, TC-03-009, TC-03-010, TC-03-011, TC-03-012, TC-03-013, TC-03-014, TC-03-015, TC-03-016, TC-03-017, TC-03-018, TC-03-019, TC-03-020, TC-03-021, TC-03-022, TC-03-023, TC-03-024, TC-03-025, TC-03-026, TC-03-027, TC-03-028, TC-03-029, TC-03-030, TC-03-031, TC-03-032, TC-03-033, TC-03-034, TC-03-035, TC-03-036, TC-03-037, TC-03-038, TC-03-039, TC-03-040, TC-03-041
Set Up	<ol style="list-style-type: none"> 1. Open Kau Hospital System 2. System display the menu option 3. Press '5' to add medicine 4. System display the prompt for medicine Code and price 5. Press "4109" to input valid medicine Code 6. Press "10.00" to input price 7. Execute step 5 and 6
Wrap Up	None


Table 2.3 Test Procedure add Medicine

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2.4 Add Nurse

Test Procedure ID	TP-04-001
Objective	To add Nurse
Test Case To Be Executed	TC-04-001, TC-04-002, TC-04-003, TC-04-004, TC-04-005, TC-04-006, TC-04-007, TC-04-008, TC-04-009, TC-04-010, TC-04-011, TC-04-012, TC-04-013, TC-04-014, TC-04-015, TC-04-016, TC-04-017, TC-04-018, TC-04-019, TC-04-020, TC-04-021, TC-04-022, TC-04-023
Set Up	<ol style="list-style-type: none"> 1. Open Kau Hospital System 2. System display the menu option 3. Press '3' to add nurse 4. System display the prompt for nurseld and gender 5. Press "8201" to input valid nurseld 6. Press "F" to input gender 7. Execute step 5 and 6
Wrap Up	None

Table 2.4 Test Procedure add Nurse

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2.5 Add Room

Test Procedure ID	TP-05-001
Objective	To add Room
Test Case To Be Executed	TC-05-001, TC-05-002, TC-05-003, TC-05-004, TC-05-005, TC-05-006, TC-05-007, TC-05-008, TC-05-009, TC-05-010, TC-05-011, TC-05-012, TC-05-013, TC-05-014, TC-05-015, TC-05-016, TC-05-017, TC-05-018, TC-05-019, TC-05-020, TC-05-021, TC-05-022, TC-05-023, TC-05-024, TC-05-025, TC-05-026, TC-05-027, TC-05-028, TC-05-029, TC-05-030, TC-05-031, TC-05-032, TC-05-033, TC-05-034, TC-05-035, TC-05-036, TC-05-037, TC-05-038, TC-05-039, TC-05-040, TC-05-041
Set Up	<ol style="list-style-type: none"> 1. Open Kau Hospital System 2. System display the menu option 3. Press '1' to add room 4. System display the prompt for inputting room number and charges 5. Press "001" to input valid room number 6. Press "100.00" to input charges 7. Execute step 5 and 6
Wrap Up	None

Table 2.5 Test Procedure add Room