RIPHAH INTERNATIONAL UNIVERSITY

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SCD (LAB)

ARTIFACT # 02

NAME   **: ASAD ULLAH**

SAP ID   **: 55181**

SECTION   **: SE 5-2**

BATCH NO **: BATCH 2023**

FULLY DRESSED USE CASES:

Use Case 1: Login Securely

Use case Section	Comment	
Use case no	01	
Use case name	Login Securely	
Actor	Doctor	
Type	Primary	
Description	Doctor logs into the system using valid credentials.	
Preconditions	Doctor must have valid username and password.	
Postconditions	Doctor is redirected to the main dashboard.	
Normal flows / Main success flows	**Actor Action** 1. Doctor enters username and password.	**System Response** 2. System verifies credentials. 3. System redirects to dashboard.
Alternative flows / Extension	**A1.1** If credentials are invalid, system displays an error message.	

Use Case 2: View Schedule

Use case Section	Comment	
Use case no	02	
Use case name	View Schedule	
Actor	Doctor	
Type	Primary	
Description	Doctor views daily or weekly appointment schedules.	
Preconditions	Doctor must be logged into the system.	
Postconditions	Schedule is displayed on the dashboard.	
Normal flows / Main success flows	**Actor Action** 1. Doctor selects "View Schedule".	**System Response**

	2. System retrieves and displays appointments.
Alternative flows / Extension	**A1.1** If no appointments found, system shows "No appointments available".

Use Case 3: View Details

Use case Section	Comment	
Use case no	03	
Use case name	View Details	
Actor	Doctor	
Type	Primary	
Description	Doctor views a patient's personal and medical details.	
Preconditions	Doctor must be logged in and select a patient record.	
Postconditions	Patient information is displayed.	
Normal flows / Main success flows	**Actor Action** 1. Doctor selects a patient record.	**System Response** 2. System displays patient's personal and medical details.
Alternative flows / Extension	**A1.1** If patient record not found, system displays "Patient not available".	

Use Case 4: Record Notes

Use case Section	Comment
Use case no	04
Use case name	Record Notes
Actor	Doctor
Type	Primary
Description	Doctor adds or updates notes about a patient's visit or diagnosis.
Preconditions	Doctor must have selected a patient record.
Postconditions	Notes are saved successfully and linked to the patient's profile.

Normal flows / Main success flows	Actor Action 1. Doctor writes notes in the notes section.	System Response 2. System saves and confirms successful entry.
Alternative flows / Extension	**A1.1** If system fails to save, it displays an error message.	

Use Case 5: Prescribe Medicines

Use case Section	Comment	
Use case no	05	
Use case name	Prescribe Medicines	
Actor	Doctor	
Type	Primary	
Description	Doctor prescribes medicines for a patient through the system.	
Preconditions	Doctor must have an active patient record open.	
Postconditions	Prescription is saved and shared with pharmacy/patient.	
Normal flows / Main success flows	Actor Action 1. Doctor enters medicine name and dosage.	System Response 2. System saves and confirms prescription.
Alternative flows / Extension	**A1.1** If required information is missing, system prompts for correction.	

Use Case 6: Order Tests

Use case Section	Comment
Use case no	06
Use case name	Order Tests
Actor	Doctor
Type	Primary
Description	Doctor orders medical tests for a patient.
Preconditions	Patient record must be open and lab system available.

Postconditions	Test request is sent to the laboratory system.	
Normal flows / Main success flows	**Actor Action** 1. Doctor selects test(s) and confirms the order.	**System Response** 2. System sends the request to lab and confirms successful order.
Alternative flows / Extension	**A1.1** If lab system is offline, system stores request for later submission.	

Normal flows / Main success flows	**Actor Action** 1. Doctor selects test(s) and confirms the order.	**System Response** 2. System sends the request to lab and confirms successful order.