RIPHAH INTERNATIONAL UNIVERSITY

Assignment#2

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Course: Software construction and development

USE CASE 1:

Use Case No	UC-01
Use Case Name	View Patients
Actor	Nurse
Type	Primary
Description	Nurse can view the list of patients assigned under her care.
Precondition	Nurse must be logged into the system
Postcondition	Patient list is displayed to the nurse.
Normal Flow	**Actor Action:** Nurse selects "View Patients" option. **System Response:** System validates the session. **Actor Action:** Nurse confirms request. **System Response:** System retrieves patient records from database. **System Response:** Patient list is displayed on nurse's screen.
Alternative Flow	If no patients are assigned, system shows "No patients found".

USE case 2:

Use Case No	UC-02
Use Case Name	View Schedule
Actor	Nurse
Type	Primary
Description	Nurse can view her work schedule.
Precondition	Nurse is logged into the system
Postcondition	Work schedule is displayed.
Normal Flow	**Actor Action:** Nurse selects "View Schedule". **System Response:** System verifies nurse's identity. **System Response:** System fetches the schedule from the database. **System Response:** Schedule details are displayed to the nurse.
Alternative Flow	If no schedule is available, system shows "No schedule assigned"

USE CASE 3:

Use Case No	UC-03
Use Case Name	View Location
Actor	Nurse
Type	Primary
Description	Nurse can check the location of patients or rooms.
Precondition	Nurse is logged into the system.
Postcondition	ocation details are displayed.
Normal Flow	**Actor Action:** Nurse selects "View Location". **System Response:** System validates the request. **System Response:** System retrieves location details. **System Response:** Location information is displayed.
Alternative Flow	If location info is unavailable, system shows error message.

USE CASE 4:

Use Case No	UC-03
Use Case Name	View Shifts
Actor	Nurse
Type	Primary
Description	Nurse can check her assigned work shifts.
Precondition	urse must be authenticated.
Postcondition	Shifts information is shown.
Normal Flow	**Actor Action:** Nurse selects "View Shifts". **System Response:** System validates user access. **System Response:** System fetches assigned shifts. **System Response:** Shifts displayed to nurse.
Alternative Flow	If no shifts assigned, message displayed "No shifts available".

USE CASE 5:

Use Case No	UC-03
Use Case Name	Manage Vitals
Actor	Nurse
Type	Primary
Description	Nurse records or updates patient vitals like BP, temperature, etc.
Precondition	Patient data is available.
Postcondition	Updated vitals are stored in system.
Normal Flow	**Actor Action:** Nurse selects "Manage Vitals". **System Response:** System loads patient data entry screen. **Actor Action:** Nurse enters vitals (e.g., BP, temperature). **System Response:** System validates data. **System Response:** System saves and confirms updated vitals.
Alternative Flow	If data entry is incomplete, system asks for correction.

USE CASE 6:

Use Case No	UC-03
Use Case Name	Mark Triage
Actor	Nurse
Type	Primary with Extension
Description	Nurse assesses patient condition and assigns triage level.
Precondition	Patient must be registered.
Postcondition	Patient triage status updated.
Normal Flow	**Actor Action:** Nurse selects "Mark Triage". **System Response:** System opens triage form. **Actor Action:** Nurse assigns a triage level. **System Response:** System validates entry. **System Response:** Triage status updated successfully.
Alternative Flow	If patient requires urgent attention → Nurse uses "Request Doctor" (extends).