

TEST CASE

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Test Case ID	Test Step	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Bug Severity	Bug Priority	Notes
UC01 → TC-01	Open admission form	NA	Admission form loads successfully	Not Started	WAHHS System Prototype V1.0	Not Started	NA	NA	Basic functionality
UC01 → TC-02	Verify that valid patient data is accepted	Valid entries for patient data	Data accepted and displayed correctly with no validation errors	Not Started	WAHHS System Prototype V1.0	Not Started	NA	NA	Valid data test
UC01 → TC-03	Submit incomplete form	Missing required fields	System displays validation error	Not Started	WAHHS System Prototype V1.0	Not Started	NA	NA	Field validation
UC01 → TC-04	Enter invalid age	Under measurement or negative age (e.g., "abc", -5)	System rejects invalid input	Not Started	WAHHS System Prototype V1.0	Not Started	NA	NA	Input format check
UC01 → TC-05	Upload patient ID file	Valid image or PDF	File uploaded successfully	Not Started	WAHHS System Prototype V1.0	Not Started	NA	NA	File upload
UC01 → TC-06	Check duplicate patient record	Same name, birthdate and phone number	System alerts for possible duplicate record	Not Started	WAHHS System Prototype V1.0	Not Started	NA	NA	Duplicate prevention
UC01 → TC-07	Auto-assign patient ID	Auto-assign patient ID	Unique patient ID generated	Not Started	WAHHS System Prototype V1.0	Not Started	NA	NA	ID generation logic

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Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Bug Severity	Bug Priority	Notes
UC02 → TC01	Login as Doctor	Valid username and password	System grants access to doctor dashboard	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Doctor must have valid hospital account
UC02 → TC02	Open patient profile	Patient ID or name	Patient information displayed correctly	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Patient must have an active admission
UC02 → TC03	Click "Create Lab Request"	(None)	Laboratory request form opens	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Accessible under patient consultation view
UC02 → TC04	Fill in lab test details	Test type, reason for request, priority level	Form fields accept valid input	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Validation should ensure all mandatory fields are filled
UC02 → TC05	Submit laboratory request	Complete lab form	System saves and routes request to laboratory queue	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Should trigger notification to laboratory staff
UC02 → TC06	Verify submitted lab request	Patient ID	Request appears under "Pending" status in lab dashboard	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Cross-module data synchronization must occur
UC02 → TC07	Submit duplicate lab request for same test	Same patient, same test	System prompts "Duplicate request" warning	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Prevent redundant test orders
UC02 → TC08	Submit incomplete lab request	Missing test type or reason	System displays validation error	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Required field validation must be enforced

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Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Bug Severity	Bug Priority	Notes
UC03 → TC01	Login as Doctor	Valid username and password	Access granted to doctor dashboard	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Doctor must have active session
UC03 → TC02	Select patient record	Patient ID or name	Patient profile opens with current diagnosis and labs	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Data must be synced from Admission and Lab modules
UC03 → TC03	Click "Create Treatment Order"	(None)	Treatment order form displayed	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Available only for confirmed patients
UC03 → TC04	Fill in medication and dosage details	Drug name, dosage, frequency	Form accepts valid entries and units	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Validation for correct dosage format
UC03 → TC05	Add treatment instructions	Notes for nurse or pharmacy	Instructions saved with treatment record	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Should display under patient treatment history
UC03 → TC06	Submit treatment order	Completed form	Order stored and forwarded to pharmacy queue	Not Started	WAHM System Prototype V1.0	Not Started	N/A	N/A	Automatic timestamp applied

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Test Case ID: UC04									
Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Bug Severity	Bug Priority	Notes
UC04 -- TC01	Update patient vital signs	Nurse enters updated temperature, BP, and pulse rate, then clicks "Save".	System saves and displays updated vital signs in patient profile.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Ensure validation checks for valid numeric ranges
UC04 -- TC02	Edit previous consultation notes	Nurse edits an existing consultation note and confirms changes.	Updated notes are reflected in the patient record with timestamp.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Changes should be tracked in audit logs
UC04 -- TC03	Add a new diagnosis entry	Nurse adds new diagnosis details and clicks "Submit".	New diagnosis entry appears under medical history.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Confirm that ICD code selection works properly
UC04 -- TC04	Attach lab results to record	Nurse uploads lab result file and links it to the patient record.	File successfully uploaded and visible in attachments.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Check supported file types and size limit
UC04 -- TC05	Unauthorized user attempt	Unauthorized staff attempts to edit patient record.	System denies access with an error message.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Should trigger security alert or audit trail entry
UC04 -- TC06	Check audit trail after update	Nurse updates record and system logs who made the change.	Audit trail shows name, timestamp, and action type.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Verify format and timestamp accuracy
UC04 -- TC07	System validation on empty fields	Nurse leaves mandatory fields blank and System displays validation errors to save.	System displays validation errors and prevents submission.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Fields include patient ID, date, and vital signs
UC04 -- TC08	Verify data synchronization	Updated record is checked by the doctor's view.	Doctor can see the updated patient record instantly.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Test under both LAN and remote connections

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Test Case ID: UC05									
Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Bug Severity	Bug Priority	Notes
UC05 -- TC01	Calculate total charges for patient	Billing staff selects patient record and clicks "Calculate".	System displays correct total including room, doctor, and service fees.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Validate rule accuracy from rule table
UC05 -- TC02	Apply senior citizen discount	Billing staff applies 20% discount and recalculates.	System updates total charge and shows discount breakdown.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Verify automatic application of discount rule
UC05 -- TC03	Include laboratory and pharmacy fees	Billing staff adds lab and pharmacy items to bill.	System includes all additional charges in total.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Cross-check with lab and pharmacy modules
UC05 -- TC04	Calculate with insurance coverage	Billing staff applies insurance details.	System deducts covered amount and computes patient balance.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Check integration with insurance data
UC05 -- TC05	Handle invalid charge entry	Billing staff inputs non-numeric value.	System displays validation error and prevents computation.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Input validation required on all numeric fields
UC05 -- TC06	Edit existing bill and recalculate	Billing staff modifies a service fee.	System recalculates total and updates displayed charges.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Ensure recalculations triggers automatically
UC05 -- TC07	Generate detailed charge summary	Billing staff clicks "View Breakdown".	System displays full itemized list of charges.	Not Started	WAHMH System Prototype V1.0	Not Started	N/A	N/A	Check layout and clarity of summary format

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Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Bug Severity	Bug Priority	Notes
UC08 -- TC01	Create new discharge summary	Healthcare staff opens patient file and clicks "Create Discharge Summary"	System opens discharge summary form	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Verify all fields appear correctly
UC08 -- TC02	Input final diagnosis	Staff enters final diagnosis in the form	System accepts valid test input	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Check that diagnosis field is mandatory
UC08 -- TC03	Add prescribed medications	Staff lists prescribed medications and dosage	System records each medication accurately	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Validate connection with pharmacy data
UC08 -- TC04	Enter treatment summary	Staff inputs details of procedures and care given	System saves and displays full treatment log	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Ensure proper formatting and readability
UC08 -- TC05	Include follow-up instructions	Staff writes post-discharge care notes	System displays them in final summary	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Check for word limit and formatting
UC08 -- TC06	Validate completeness before saving	Staff clicks "Save" without filling required fields	System prompts a validation error	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Ensure mandatory fields: diagnosis, medications, summary
UC08 -- TC07	Save complete discharge summary	Staff fills out all required details and saves	System confirms successful save and assigns reference number	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Verify linkage with patient records

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Test Execution Date: TBA								
Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Bug Severity	Bug Priority
UC-07 -- TC-01	Verify that an admin can assign module-based roles to a user	Admin selects a user, chooses multiple modules (e.g., Billing, Reports), and saves access rights	System applies all selected module permissions successfully	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Ensure batch update doesn't cause system delay
UC-07 -- TC-02	Verify that staff information can be edited	Admin navigates to "Manage Staff" page and updates fields (e.g., phone, department)	System updates the staff record and shows confirmation message	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Verify role updates reflect immediately
UC-07 -- TC-03	Verify that a staff record can be deleted	Admin selects a staff member and clicks "Delete"	System asks for confirmation, then removes staff record after approval	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Ensure deletion confirmation appears correctly
UC-07 -- TC-04	Verify that staff can be searched by name or keyword	Admin types a partial or full staff name in the search bar	System filters and displays matching staff entries	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Verify search
UC-07 -- TC-05	Verify that access levels (Admin, Staff, Viewer) can be assigned	Hospital Admin selects a user and assigns one of the predefined roles	System updates access rights accordingly	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Confirm user permissions match assigned level
UC-07 -- TC-06	Verify that a user's password can be reset by an admin	Hospital Admin selects a user and clicks "Reset Password"	System generates a reset link or temporary password	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Check if notification is sent successfully
UC-07 -- TC-07	Verify that access logs are visible to admins	Admin navigates to the "Access Logs" page	System displays actions performed by users	Not Started	WAH4H System Prototype V1.0	Not Started	N/A	N/A Verify logs include timestamps and user IDs