

TEST CASE

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Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Rtg. Severity	Rtg. Priority	Risks
UC-01 → TC-01	Open admission form	N/A	Admission form loads successfully	Not Started	WAPAH System Prototype V1.0	Not Started	N/A	N/A	Basic functionality
UC-01 → 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	WAPAH System Prototype V1.0	Not Started	N/A	N/A	Valid data test
UC-01 → TC-03	Submit incomplete form	Missing required fields	System displays validation error	Not Started	WAPAH System Prototype V1.0	Not Started	N/A	N/A	Field validation
UC-01 → TC-04	Enter invalid age	Enter non-numerics or negative age (e.g., "abc", "-5")	System rejects invalid input	Not Started	WAPAH System Prototype V1.0	Not Started	N/A	N/A	Input format check
UC-01 → TC-05	Upload patient ID file	Valid image or PDF	File uploaded successfully	Not Started	WAPAH System Prototype V1.0	Not Started	N/A	N/A	File upload
UC-01 → TC-06	Check duplicate patient record	Same name, birthdate and phone number	System alerts for possible duplicate record	Not Started	WAPAH System Prototype V1.0	Not Started	N/A	N/A	Duplicate prevention
UC-01 → TC-07	Auto-assign patient ID	Auto-assign patient ID	Unique patient ID generated	Not Started	WAPAH System Prototype V1.0	Not Started	N/A	N/A	ID generation logic

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Test Case ID	Test Steps	Input Data	Expected Results	Actual Results	Test Environment	Execution Status	Req. Severity	Req. Priority	Notes
UC02 → TC01	Login as Doctor	Valid username and password	System grants access to doctor dashboard	Not Started	VAHMH 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	VAHMH System (Prototype V1.0)	Not Started	N/A	N/A	Patient must have an active admission
UC02 → TC03	Click "Create Lab Request"	[Phone]	Laboratory request form opens	Not Started	VAHMH 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	VAHMH 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	VAHMH 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" tab in lab dashboard	Not Started	VAHMH 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	VAHMH 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	VAHMH 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
UC-03 → TC-01	Login as Doctor	Valid username and password	Access granted to doctor dashboard	Not Started	WAAHM System/Prototype V1.0	Not Started	N/A	N/A	Doctor must have active session
UC-03 → TC-02	Select patient record	Patient ID or name	Patient profile opens with current diagnosis and lab	Not Started	WAAHM System/Prototype V1.0	Not Started	N/A	N/A	Data must be synced from Admission and Lab modules
UC-03 → TC-03	Click "Create Treatment Order"	[None]	Treatment order form displayed	Not Started	WAAHM System/Prototype V1.0	Not Started	N/A	N/A	Available only for confirmed patients
UC-03 → TC-04	Fill medication and dosage details	Drug name, dosage, frequency	Form accepts valid entries and auto-saves	Not Started	WAAHM System/Prototype V1.0	Not Started	N/A	N/A	Validation for correct dosage format
UC-03 → TC-05	Add treatment instructions	Notes for nurse or pharmacy	Instructions saved with treatment record	Not Started	WAAHM System/Prototype V1.0	Not Started	N/A	N/A	Should display under patient treatment history
UC-03 → TC-06	Submit treatment order	Completed form	Order stored and forwarded to pharmacy/nurse queue	Not Started	WAAHM System/Prototype V1.0	Not Started	N/A	N/A	Automatic timestamp applied

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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	Notes
UC04 → TC-01	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	WANH System / Prototype V1.0	Not Started	N/A	N/A	Ensure validation checks for valid numeric ranges
UC04 → TC-02	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	WANH System / Prototype V1.0	Not Started	N/A	N/A	Changes should be tracked in audit logs
UC04 → TC-03	Add a new diagnosis entry	Nurse adds new diagnosis details and clicks "Submit"	New diagnosis entry appears under medical history	Not Started	WANH System / Prototype V1.0	Not Started	N/A	N/A	Confirm that ICD code selection works properly
UC04 → TC-04	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	WANH System / Prototype V1.0	Not Started	N/A	N/A	Check supported file types and size limit
UC04 → TC-05	Unauthorized user attempt	Unauthorized staff attempts to edit patient record	System denies access with an error message	Not Started	WANH System / Prototype V1.0	Not Started	N/A	N/A	Should trigger security alert or audit trail entry
UC04 → TC-06	Check audit trail after update	Nurse updates record and system logs who made the change	Audit trail shows nurse name, timestamp, and action type	Not Started	WANH System / Prototype V1.0	Not Started	N/A	N/A	Verify format and timestamp accuracy
UC04 → TC-07	System validation on empty fields	Nurse leaves mandatory fields blank and System displays validation errors	System displays validation errors and prevents submission	Not Started	WANH System / Prototype V1.0	Not Started	N/A	N/A	Fields include patient ID, date, and vital signs
UC04 → TC-08	Verify data synchronization	Updated record is checked by the doctor's view	Doctor can see the updated patient record instantly	Not Started	WANH System / Prototype V1.0	Not Started	N/A	N/A	Test under both LAN and remote connections

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New Version: 1.0									
Test Execution Date: TBA									
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 inpatient	Billing staff selects patient record and clicks "Calculate"	System displays correct total including room, doctor, and service fees	Not Started	WANH System Prototype V1.0	Not Started	N/A	N/A	Validate rate accuracy from rate table
UC05 → TC02	Apply senior citizen discount	Billing staff applies 20% discount and recalculates	System updates total charge and shows discount breakdown	Not Started	WANH 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 final total	Not Started	WANH 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	WANH 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	WANH 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	WANH System Prototype V1.0	Not Started	N/A	N/A	Ensure recalculation triggers automatically
UC05 → TC07	Generate detailed charge summary	Billing staff clicks "View Breakdown"	System displays full itemized list of charges	Not Started	WANH 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	Execution Status	Bug Severity	Bug Priority	Notes
UC-06 → TC-01	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
UC-06 → TC-02	Input final diagnosis	Staff enters final diagnosis in the form	System accepts valid text input	Not Started	WAH4H System/Prototype V1.0	Not Started	N/A	N/A	Check that diagnosis field is mandatory
UC-06 → TC-03	Add prescribed medications	Staff lists prescribed medications and dosages	System records each medication accurately	Not Started	WAH4H System/Prototype V1.0	Not Started	N/A	N/A	Validate connection with pharmacy data
UC-06 → TC-04	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
UC-06 → TC-05	Include follow-up instructions	Staff enters 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
UC-06 → TC-06	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
UC-06 → TC-07	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	Notes
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