

Individual Contribution

T.Benshekniel

2022/CS/023

Contribution as a percentage: 30%

Components you have implemented:

- Live Chat Feature
- Pharmacist UI
- Lab Technician UI
- Lab Test Requests Handling
- Medication Requests Handling
- Lab Report Email Notification
- Inventory Handling
- Forgot password

Description of the component(s):

- **Live Chat Feature Implementation:** Developed a real-time chat system for users to communicate instantly within the platform.
- **Pharmacist UI:** Created an interface for pharmacists to manage medication requests, inventory, and patient interactions.
- **Lab Technician UI:** Built an interface for lab technicians to handle lab test requests, upload reports, and notify patients.
- **Forgot password:** Implemented a secure password recovery system allowing users to reset their passwords via email verification.
- **Medication Requests Handling:** Developed a system for pharmacists to process and manage medication requests from doctors and patients.
- **Lab Test Requests Handling:** Created a system for lab technicians to process and manage lab test requests efficiently.
- **Lab Report Email Notification:** Set up email notifications to inform patients when their lab reports are ready.
- **Inventory Handling:** Developed a system for pharmacists to manage and track medication inventory levels.

Pharmacist:

Test Case ID	Test Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
TC01	Update medication state without selecting state	1.Load medication details page 2.Leave state dropdown as "choose" for all medications 3.Click "Done"	1.Requests id 2.Choosing a state	Display popup: "Please select a state for all medications"	As expected	Pass
TC02	Update medication state and remarks successfully	1.Load medication details page 2.Select state for each medication 3.Add remarks 4.Click "Done"	1.Request id 2.State: "Given" for all medications 3.Remarks: "All medications provided"	Redirect to requests page; display popup: "Medication request updated successfully"	As expected	Pass
TC03	Save with excessively long remarks	1.Select state for each medication 2.Enter remarks exceeding character limit 3.Click "Done"	1.Choose a State 2.Remarks: (500+ characters)	Display popup: "Remarks exceed"	As expected	Pass
TC04	Update when server is down	1.Select state for each medication 2.Click "Done"	1.Request id 2.State: "Given" for all medications	Display popup: "Error updating Medication requests. Please try again."	As expected	Pass
TC05	Search with excessively long query	1.Load dashboard 2. Enter a search query exceeding 50 characters	1.Search Query: (51 characters long)	Display popup: "Search term too long. Please use up to 50 characters"	As expected	Pass
TC06	Delete medicine with confirmation (yes)	1.Enable edit mode 2.Click delete on a row 3.Click "Yes" in confirmation popup	1.On a medicine's data	Confirmation popup appears centered, slightly above middle; after clicking "Yes", row removed; success popup: "Medicine deleted successfully"	As expected	Pass

TC07	Successful update of medicine	1.Enable edit mode 2.Edit a row and save	1.On a medicine's data	Success popup at top-right: "Medicine updated successfully"; row updated in table	As expected	Pass
TC08	Add medicine with invalid unit	1.Enable edit mode 2.Click add button 3.Enter unit with numbers and save	Medicine: (Generic: Aspirin, Expiry: 2026-01-01, Qty: 20, Unit: "mg123")	Error popup at top-right: "Unit must contain only alphabetic characters"; row not saved	As expected	Pass
TC09	Add medicine with non-numeric quantity	1.Enable edit mode 2.Click add button 3.Enter non-numeric quantity and save	Medicine: (Generic: Aspirin, Expiry: 2026-01-01, Qty: "abc", Unit: mg)	Error popup at top-right: "Quantity must be a number"; row not saved	As expected	Pass
TC10	Add medicine with past expiry date	1.Enable edit mode 2.Click add button 3.Enter past expiry date and save	Medicine: (Generic: Aspirin, Expiry: 2024-01-01, Qty: 20, Unit: mg)	Error popup at top-right: "Expiry date must be in the future and in YYYY-MM-DD format"; row not saved	As expected	Pass
TC11	Add medicine with missing fields	1.Enable edit mode 2.Click add button 3.Leave some fields empty and save	Medicine: (Generic: "", Qty: 10)	Error popup at top-right: "Please fill in all fields before saving."; row not saved	As expected	Pass
TC12	Successful addition of medicine	1.Enable edit mode 2.Add a new medicine with valid data	Medicine: (Generic: Aspirin, Expiry: 2026-01-01, Qty: 20, Unit: mg)	Success popup at top-right: "Medicine added successfully"; row added to table	As expected	Pass

Lab Technician

Test Case ID	Test Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
TC01	Successful test details update (no email when no network connection)	1. Set some tests to "ongoing" 2. Click "Completed"	1.Requests id	Success popup at top-right: "Test details updated successfully!"; popup and "failed to send email, check the network connection"	As expected	Pass
TC02	Confirm file deletion (Yes)	1. Click delete button 2. Click "Yes" in confirmation popup	Test Name: "Blood Test"	Confirmation popup appears centered, slightly above middle with message "Are you sure you want to delete this file?"; after clicking "Yes", success popup at top-right: "File deleted successfully!"	As expected	Pass
TC03	Successful test details update and email	1. Set all tests to "completed" 2. Click "Completed"	1.Request ID	Success popup at top-right: "Test details updated successfully!"; followed by "Completion email sent successfully!"	As expected	Pass
TC04	Successful file deletion	1. Click delete button 2. Confirm "Yes"	Test Name: "Blood Test"	Confirmation popup appears; after confirming, success popup at top-right: "File deleted successfully!"	As expected	Pass

Chat

Test Case ID	Test Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
TC01	Verify that clicking "Delete" on a message shows a confirmation popup.	1. Select a user from the chat list. 2. Right-click on a sent message to open the context menu. 3. Click "Delete". 4. Observe the screen.	A message	Popup the delete confirmation to proceed	As expected	Pass

Forgot password

<u>Test Case ID</u>	<u>Test Description</u>	<u>Test Steps</u>	<u>Test Data</u>	<u>Expected Results</u>	<u>Actual Results</u>	<u>Pass/Fail</u>
TC01	Resend Code - Successful Resend	1. Navigate to verify page 2. Click "Resend Code"	Email: "test@example.com"	Message shown: "New verification code sent successfully" New code sent to email	As expected	Pass
TC02	Verify Code - Expired Code	1. Navigate to verify page after submitting valid NIC/email 2. Wait for code to expire 3. Enter code 4. Click "Verify Code"	Code: "123456" Expiry: Past current time	Error shown: "Your verification code has expired. Please request a new code"	As expected	Pass

TC03	Verify Code - Incorrect Code	1. Navigate to verify page after submitting valid NIC/email 2. Enter incorrect code 3. Click "Verify Code"	Correct Code: "123456" Entered Code: "654321"	Error shown: "Invalid verification code"	As expected	Pass
TC04	NIC Email Entry - Invalid Credentials	1. Navigate to forgot page 2. Enter invalid NIC and email 3. Select role 4. Click "Check"	NIC: "invalid" Email: "wrong@example.com" Role: "patient"	Error shown: "NIC ID or email not found in our records"	As expected	Pass
TC05	Password Reset - Non-Matching Passwords	1. Navigate to verify page 2. Verify code successfully 3. Enter non-matching passwords 4. Click "Update Password"	New Password: "NewPass123" Confirm Password: "Different123"	Error shown: "Passwords do not match"	As expected	Pass
TC06	Password Reset - Successful Update	1. Navigate to verify page 2. Verify code successfully 3. Enter matching passwords 4. Click "Update Password"	New Password: "NewPass123" Confirm Password: "NewPass123"	Alert shown: "Password updated successfully" Redirect successful: Login page Confirmation email sent	As expected	Pass

