Test Cases for Hospital Management System

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Test Focus	Test Description	Pre & Post conditions	Test Steps	Test Data	Expected Result	Actual Result	Test Result
Login	To test login functionality	X	1. Open Website 2. Enter Username 3. Enter password 4. Press login button	1. Correct Username correct password 2. Correct Username wrong password 3. Wrong Username correct password 4. Wrong Username wrong password 5. Empty Username field non-empty password 6. Non-empty Username field empty password 7. if you try to login again without logging out	1. Should login 2. Should not login 3. Should not login 4. Should not login 5. Should not login 6. Should not login 7. Displays “Multiple users not allowed. Access denied”	1. Correct 2. Correct 3. Correct 4. Correct 5. Correct 6. Correct 7. Correct	1. Pass 2. Pass 3. Pass 4. Pass 5. Pass 6. Pass 7. Pass
View Patient Details	To test search functionality	X	1. Open Website 2. Login to Website 3. Search by Patient Name or Patient Id	1. Enter valid Patient name 2. Enter valid Patient Id 3. Enter Invalid Patient name 4. enter invalid Patient Id	1. Display list of patients with that name 2. Display patient details 3. Display “No match found” 4. Display “No match found”	1. Correct 2. Correct 3. Correct 4. Correct	1. Pass 2. Pass 3. Pass 4. Pass

Delete Patient Details	To test delete functionality	X	1. Open Website 2. Login to Website 3. Delete by Patient Id	1. Enter Invalid Patient Id 2. Enter valid Patient Id	1. Display “no match found” 2. Deletes the patient Details	1. Correct 2. Correct	1. Pass 2. Pass
Add new Patient Details	To test add details functionality	X	1. Open Website 2. Login to Website 3. Add Patient Details	1. Insert Patient Details	1. Stores Patient Details In database	1. Correct	1. Pass
Allot Doctor to Patient	To test allotment of Doctor to Patient	X	1. Open Website 2. Login to Website 3. Allot Doctor to Patient.	1. Enter Valid Doctor Id and valid Patient Id 2. Enter Invalid Doctor Id and valid Patient Id 3. Enter Valid Doctor Id and Invalid Patient Id 4. Enter Invalid Doctor Id and Invalid Patient Id	1. Displays “successfully Assigned” 2. Displays “Invalid Doctor Id” 3. Displays “Invalid Patient Id” 4. Displays “Invalid Patient Id”	1. Correct 2. Correct 3. Correct 4. Correct	1. Pass 2. Pass 3. Pass 4. Pass
Delete Employee Details	To test delete functionality	X	1. Open Website 2. Login to Website 3. Delete by Employee Id	1. Enter Invalid Employee Id 2. Enter valid Employee Id	1. Display “no match found” 2. Deletes the Employee Details	1. Correct 2. Correct	1. Pass 2. Pass

Add new Employee Details	To test add details functionality	X	1. Open Website 2. Login to Website 3. Add Employee Details	1. Insert Employee Details	1. Stores Patient Details In database	1. Correct	1. Pass
Create Medical Report	To test create medical report functionality	X	1. Open Website 2. Login to Website 3. Create Medical report	1. Enter Invalid Patient Id 2. Enter valid Patient Id	1. Display “Invalid Patient Details” 2. Creates the medical report and Displays “Report has been added”	1. Correct 2. Correct	1. Pass 2. Pass
View Medical Report	To test view medical report functionality	X	1. Open Website 2. Login to Website 3. View Medical report	1. Enter Invalid Report Id 2. Enter valid Report Id	1. Displays “Invalid Report Id” 2. Displays the Report	1. Correct 2. Correct	1. Pass 2. Pass
Delete Medical Report	To test deleting of medical report functionality	X	1. Open Website 2. Login to Website 3. Delete Medical report	1. Enter Invalid Report Id 2. Enter valid Report Id	1. Displays “Invalid Report Id” 2. Deletes the Report and displays “Medical report Deleted”	1. Correct 2. Correct	1. Pass 2. Pass

View Test Details	To test view test functionality	X	1. Open Website 2. Login to Website 3. View Test	1. Enter Invalid Report Id 2. Enter valid Report Id with no tests 3. Enter valid Report Id with tests	1. Displays “Invalid Report Id” 2. Displays “Data not found” 3. Displays the test Details	1. Correct 2. Correct 3. Correct	1. Pass 2. Pass 3. Pass
Add Test Details	To test Add test detail functionality	X	1. Open Website 2. Login to Website 3. Add Test	1. Enter Invalid Report Id 2. Enter valid report Id but Invalid Date 3. Enter valid report Id and valid Date	1. Displays “Report Id not found” 2. Displays “Invalid Date” 3. Adds test details to Database	1. Correct 2. Correct 3. Correct	1. Pass 2. Pass 3. Pass
Delete Test Details	To test Delete test functionality	X	1. Open Website 2. Login to Website 3. Delete Test	1. Enter Invalid Report Id 2. Enter valid Report Id	1. Displays “Report Not Found” 2. Displays the list of tests associated with that Report Id ,delete by selecting it .	1. Correct 2. Correct	1. Pass 2. Pass
Add Department Details	To test add department functionality	X	1. Open Website 2. Login to Website 3. Add department Details	1. Add Department Details	1. Saves Department Details in Database	1. Correct	1. Pass

Delete Department	To test delete department functionality	X	1. Open Website 2. Login to Website 3. Delete department	1. Enter Invalid Department number 2. Enter valid Department number	1. Displays “Department not found” 2. Deletes the Department .	1. Correct 2. Correct	1. Pass 2. Pass
Search Vehicle	To test search vehicle functionality	X	1. Open Website 2. Login to Website 3. Search a vehicle	1. Enter Invalid vehicle type 2. Enter valid vehicle type	1. Displays “Type not found” 2. Displays the vehicles	1. Correct 2. Correct	1. Pass 2. Pass
Add vehicle	To test add vehicle functionality	X	1. Open Website 2. Login to Website 3. Add vehicle	1. Add vehicle details	1. Saves vehicle details in database	1. Correct	1. Pass
Discard a vehicle	To test discard vehicle functionality	X	1. Open Website 2. Login to Website 3. Discard Vehicle	1. Enter Invalid vehicle type 2. Enter valid vehicle type	1. Displays “Type not found” 2. Displays the vehicles of type. Select to discard.	1. Correct 2. Correct	1. Pass 2. Pass

Allot a vehicle	To test allot vehicle functionality	X	1. Open Website 2. Login to Website 3. Discard Vehicle	1. Enter Invalid Patient Id and Invalid Date 2. Enter Invalid Patient Id and valid Date 3. Enter valid Patient Id but Invalid Date 4. Enter valid Patient Id and valid Date	1. Displays “Invalid Patient Id” 2. Displays “Invalid Patient Id” 3. Displays “Invalid Date” 4. Allots a vehicle	1. Correct 2. Correct 3. Correct 4. Correct	1. Pass 2. Pass 3. Pass 4. Pass
Allotment Details	To test allotment details functionality	X	1. Open Website 2. Login to Website 3. Allotment Details	1. Enter Invalid vehicle type 2. Enter valid vehicle type	3. Displays “Type not found” 4. Displays the vehicles of type. Select to view details.	1. Correct 2. Correct	1. Pass 2. Pass
Unallot vehicle	To test un allot vehicle functionality	X	1. Open Website 2. Login to Website 3. Un allot vehicle	1. Enter Invalid Vehicle Id 2. Enter valid vehicle ID but un allotted 3. Enter valid Vehicle Id which is alloted but Invalid Date 4. Enter valid Vehicle Id which is alloted and has valid Date	1. Displays “Can’t un allot a vehicle, either vehicle is un allotted or vehicle id is invalid” 2. Displays “Can’t un allot a vehicle, either vehicle is un allotted or vehicle id is invalid 3. Displays “Date should be after allotted Date” 4. Unallots vehicle	1. Correct 2. Correct 3. Correct 4. Correct	1. Pass 2. Pass 3. Pass 4. Pass

Search Room	To test search room functionality	X	1. Open Website 2. Login to Website 3. Search Room	1. Enter Invalid Room type 2. Enter valid Room type	1. Displays “Room type not found” 2. Displays list of room of the type. Select to view Details.	1. Correct 2. Correct	1. Pass 2. Pass
Add room	To test add room functionality	X	1. Open Website 2. Login to Website 3. Add Room	1. Enter Room type and already present extension 2. Enter Room type and new extension	1. Displays “Extension already Present” 2. Adds Room	1. Correct 2. Correct	1. Pass 2. Pass
Discard a Room	To test discard room functionality	X	1. Open Website 2. Login to Website 3. Discard Room	1. Enter Invalid Room type 2. Enter valid Room type	1. Displays “Room type not found” 2. Displays list of room of the type. Select to discard room.	1. Correct 2. Correct	1. Pass 2. Pass

Allot a Room	To test allot a room functionality	X	1. Open Website 2. Login to Website 3. Allot Room	1. Entered room type is filled 2. Entered room type is not filled but invalid Date 3. Entered room type is not filled and valid Date	1. Displays “No vacant Rooms” 2. Displays “Invalid Date” 3. Allot Room	1. Correct 2. Correct 3. Correct	1. Pass 2. Pass 3. Pass
Allotment Details	To display the allotment details	x	1. open website 2. login to website 3. allotment details	1. Entered room type is filled and valid 2. entered room type is invalid 3. no room type filled	1. Displays all the rooms with the particular type 2. Displays “Room not found” 3. Displays “Enter value”	1. Correct 2. Correct 3. Correct	1. Pass 2. Pass 3. Pass
Allot medical staff duties	assign medical duty for a room	x	1. Open Website 2. Login to Website 3. Allot medical staff duties	1. Entered all fields are valid 2. Entered room is valid but invalid staff ID 3. Entered Join time is lesser than Leave time 4. Entered room is invalid and valid Staff ID	1. Displays “Entry Added” 2. Displays “Invalid Employee ID” 3. Displays “Leaving Time should be after joining Time” 4. Displays “Invalid Room Number”	1. Correct 2. Correct 3. Correct 4. Correct	1. Pass 2. Pass 3. Pass 4. Pass

View Medical staff duties	Displays the staff assigned to a particular Room	x	1. Open Website 2. Login to Website 3. View medical Staff duties	1. Enter a valid room number 2. Enter an invalid room number 3. Leave the field blank	1. Displays “The staff assigned to that room” 2. Displays “No allotments to that room number” 3. Displays “Please fill out this field”	1. Correct 2. Correct 3. Correct	1. Pass 2. Pass 3. Pass
Un-allot a room	used to un-allot a room	x	1. Open Website 2. Login to Website 3. Un-allot a room	1. Enter valid room number and date 2. Invalid room number and valid date 3. Valid room number and invalid date 4. invalid room number and invalid date	1. Displays “Patient Discharged from room” 2. Displays “entered room number is invalid or currently vacant” 3. Displays “Entered Return Date is invalid !! It must be after allotment date” 4. Displays “entered room number is invalid or currently vacant”	1. Correct 2. Correct 3. Correct 4. Correct	1. Pass 2. Pass 3. Pass 4. Pass