# Test log sheets

**Candidate:**  Dominic Cameron **Project title:** Hospital Database Assessment

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| **Test case** | **Test data** | **Expected result** | **Actual result** | **Comments** |
| Launch the app | User will launch the app by running the MainFrame.java file | The app will open up with a welcome message in the centre of the Window. |  |  |
| Close the app | The User will close the window by navigating to File in the top left of the toolbar, and selecting the only choice there “Exit” | Upon clicking of Exit, the application will close the window along with all application processes. |  |  |
| Toolbar Function – View / Edit | User will navigate to the toolbar item “View / Edit” and select a table they would like to view i.e “Visit” | The selected table will open up in the main frame and the user can now view or edit the records. |  |  |
| Toolbar Function – Search | User will navigate to the toolbar item “Search” and select one of the Search forms i.e “Patient” | Upon selecting “Patient” a form will appear that will allow the user to filter the search using Radio buttons to select the search parameter. |  |  |
| Toolbar Function – Add Records | User will navigate to the Toolbar Item “Add records” select a desired form I.e “Doctor form” | The system will bring up a form that will allow the user to add a new record to the Doctor Table. |  |  |

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| Table Right Click function | In the Table view, users can right click on a record to bring up, option for managing the record | A record is highlighted, and a small menu appears which allows the user to either “Add ” a new record, “Edit” the selected record, “Delete” the selected record, or “Refresh Table” |  |  |
| Table Right Click – Add | User clicks on the “Add” option in the Right click menu, while viewing Prescription table | The system will open up a form matching the current table. And wait for user to input details and save, or cancel. |  |  |
| Table Right Click - Edit | User right clicks desired record, chooses “Edit” option | The system will open up a form preloaded with the current records information. To allow seamless editing. |  |  |
| Table Right Click - Delete | User right clicks desired record, chooses “Delete” option | The System will bring up a confirmation box that will ask the user if they’re sure they want to delete this record. |  |  |
| Table Right Click – Refresh Table | User right clicks and selects “Refresh Table” | The system will reload the table with the results (Only noticeable when a change doesn’t show immediately) |  |  |

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| Add record on Insurance Table | Normal: Add insurance record. Insurance ID: HGND36P Company: Cherish Insurance Scotland  address: 25 Gallowgate Phone: 964-698-2871 | A new insurance record with the Insurance ID: HGND36P should be added to the Database. |  |  |
|  | Extreme: Add insurance record featuring a very long company name. Insurance ID: HGND37P Company Name: X(50 Character long)  address: 25 Gallowgate Phone: 964-698-2871 | The system should reject the input of a company name, as it would exceed the allowed field length. It will display an error message that explains to the user that the field length allowed has a limit. |  |  |
|  | Exceptional: Add Insurance record with an ID Featuring Special characters. ID: “H$ND37!” Company name: Enable Insurance Scotland  address: 45 Gallowgate Phone: 964-698-2871 | The system should reject the input of the special characters, and which upon submission of the form will prompt the user to amend that field. |  |  |
| Search Record on the Prescription Table | Normal: Search a prescription record with the id=”1634654226” | The table search box should close and the table should retrieve the record with that ID. |  |  |
|  | Extreme: Search a prescription record with a negative value typed into duration. | The program should display a message that says, no records found. |  |  |
|  | Exceptional: Search a prescription record that doesn’t exist id=”984991153” | The program should display a message that says, no records found. |  |  |

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| Edit Record in the Doctor Table | Normal: Find the record with the Doctor ID: “1724” and change the Hospital to “Aberdeen Royal Infirmary” | User either manually browses the table to find the record to right click, or uses the search option to find the listing, edit the necessary field, and submit to update the record. Table refreshes upon submission |  |  |
|  | Extreme: Find the record with the DoctorID: “9947” and change the email to “” | Once the email has been edited to contain nothing, the form will not allow the user to submit. |  |  |
|  | Exceptional: Find the record with the DoctorID: “7763” and edit the Specialization field with Invalid characters = “$p3c!4L!zed” | System should display a message to inform the user that the Specialization field has invalid characters. User wont be able to submit the form. |  |  |
| Delete a Record in the Patient Table | Normal: Delete a patient record PatientID = “30087242” | System will delete the user record from Database |  |  |
|  | Extreme: Delete a patient record which has relational integrity with records in another table  PatientID: “9018414” | The System will not allow the record to be deleted due to SQL Exception. |  |  |
|  | Exceptional: Delete a record with no PatientID | Impossible to achieve, user needs to right click on the selected record to remove a record. |  |  |

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| View Record in the Drug Table | Normal: Open the Drug table via toolbar, “View/Edit” & select “Drug” | The Visit table will open in the main frame and allow the user to manage the records |  |  |
|  | Extreme: View all details in drug table on screen, by making the page full screen. Resize columns if necessary. | The screen will resize from the standard size to allow the user to view the records easier. |  |  |
|  | Exceptional: Find the records in Drug table by using the search bar to see all drug name’s containing the string “Ib” | The system will return all drugs that contain the String “Ib” within the drug name |  |  |