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| Test Case ID | Software Feature | Steps | Expected | Actual | Pass/Fail |
| TC1 | GUI opens | 1. User runs program 2. Application opens | Once user runs the script a window should open asking for the user to input their credentials | Window opens and displays the correct widgets | Pass |
| TC2 | Admin Login | 1. User types credentials 2. User presses login button 3. User is taken to admin dashboard | Once user types correct credentials and presses login the user should be taken to the admin dashboard | User types valid credentials and is taken to admin dashboard | Pass |
| TC3 | Registering Doctor | 1. User clicks on “register doctor” button 2. User fills in entry fields 3. User clicks submit 4. User gets confirmation popup | A new doctor should be added to the doctor csv file and a popup should appear to show if a new doctor has been added | A popup appears when user presses submit when all fields are full | Pass |
| TC4 | Viewing All Doctors | 1. User clicks on “Doctor” button 2. User selects a doctor via the selection menu 3. Doctor details are seen in the entry fields | When the user clicks doctor button they should be redirected to a screen where they can select a doctor to view their information | Doctor’s details appear when a doctor is selected | Pass |
| TC5 | View All Patients | 1. User clicks on “Patient” button 2. User selects a patient from the selection menu 3. Patient details are seen in the entry field | When the user clicks patient button they should be redirected to a screen where they can select a patient to view their information | Patient details appear when a patient is selected | Pass |
| TC6 | View Admin Details | 1. User clicks on “Admin” button 2. User clicks “Load User Information” button 3. Admin details are seen in the entry fields | When the user clicks admin button they should be redirected to a screen where they can click another button that will load the currently logged in admin’s details | Current admin’s information is displayed in the entry fields | Pass |
| TC7 | Create a report | 1. User clicks on “Create Report” button 2. A .txt file is created / updated in the same folder as the app is in | When the user clicks on the create report button, a text file is created on the user’s device and can be opened to view all details | A .txt file is created with the correct data displayed | Pass |
| TC8 | View Discharged Patients | 1. User clicks on “View Discharged Patients” button 2. User selects a discharged patient from the selection menu 3. Discharged patient’s details are displayed in the entry fields | When the user clicks view discharged patient button they should be redirected to a screen where they can select a patient to view their information | Discharged Patient’s details are displayed | Pass |
| TC9 | Sorting and grouping patients by last name | 1. Patient csv is updated (either by discharging a patient or editing a patient’s details) 2. All patients are resorted into alphabetical order based on last name | When the program interacts with the patient csv file, it will sort all patients into alphabetical order based on their last name | Patients are sorted alphabetically based on their last name | Pass |
| TC10 | Discharging a patient | 1. User clicks “patient” button 2. User selects a patient from the selection menu 3. User clicks “Discharge Patient” button | When the user clicks on the discharge patient button, the currently viewed patient goes into the discharged csv | A patient after being discharged can be viewed in the application and in the csv file | Pass |