PATIENT

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| --- | --- | --- | --- | --- | --- | --- |
| SL NO | TEST SCENERIOS | Test steps | Test data | expected result | Actual RESULT | pass/fail |
| 1-LOGIN | -Validation of login functionally by the username and id of the user.  -Check login with a wrong user | Enter the username and password.  Enter the username and password | Basit  123  Bisaj  656 | Login success  Login fail, program exits. | -If username and password is matched through file, patient menu appears.  -If username and password is not matched through file, program exits. | Pass  fail |
| 2- SIGNUP | Validation of sign-up functionality after different username is entered and passwords are matched | Enter the username and password | Basit  123  123 | Signup success, and move to patient menu | Signup success, and move to patient menu | pass |
|  | Signup with same username which already existed and enter password  - Signup with username and enter wrong password | Enter same username and password  Enter username and wrong password | Basit  123  Basit  1234 | Program gives list of other usernames.  Program exits | Program gives list of other usernames.  Program exits | Pass  fail |

**1- APOINTMENT FUNCTION**

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| **SL NO** | TEST SCENERIOS | Test steps | Test data | expected result | Actual RESULT | pass/fail |
|  | To check appointment /delete appointment | **Enter patient id and choose appointment** | **1000098** | **Appointment is shown / appointment file is deleted** | **Appointment is shown / appointment file is deleted** | **pass** |
|  | To check appointment /delete appointment | **Enter wrong patient id and choose appointment** | **4090** | **Appointment file is not shown / file not deleted** | **Appointment file is not shown and program exits / file is not deleted and remains.** | **fail** |

**2. CHECK PATIENT DETAILS/ CHECK PATIENT INVOICE**

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| **SL NO** | TEST SCENERIOS | Test steps | Test data | expected result | Actual RESULT | pass/fail |
| **-** | check patient details and invoice file. | Enter patient id and choose details/  invoice | **1000098** | Patient details and invoice will be shown | Patient details and invoice will be shown | **pass** |
|  | check patient details and invoice file | Enter wrong patient id and choose details/  invoice | **1234** | Patient details and invoice will not be shown | File not shown and program exits. | **fail** |

**3- UPDATE PATIENT DETAILS**

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| **SL NO** | TEST SCENERIOS | Test steps | Test data | expected result | Actual RESULT | pass/fail |
| **-** | Update your patient information, by choosing what to update  i.e: name , id , etc | Enter patient id and choose what to update | **1000098** | Patient details will be updated | Patient details will be updated in the details file | **pass** |
|  | Update your patient information, by choosing what to update  i.e: name , id , etc | Enter wrong patient id and choose something else as to what to update | **1234** | Patient details will not be updated | The program exits  and patient file won’t be updated. | **fail** |

**4- Patient AID**

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| **SL NO** | TEST SCENERIOS | Test steps | Test data | expected result | Actual RESULT | pass/fail |
| **-** | To fill patient aid from and enter details regarding the form | Enter Patient ID and enter details | **-**100002  -Integer CNIC | Patient aid form made, details correctly stored | **-**file made  -file sent to Admin  -correct info stored | **pass** |
|  | To fill patient aid from and enter details regarding the form | Enter wrong Patient ID and enter wrong details i.e; string instead of long int CNIC | 1002  -string CNIC | Patient aid form not made, details weren’t correctly stored , program goes back to menu | **-**file not made  -file not sent to Admin  -correct info not stored | **fail** |
| **-** | To check patient aid form evaluation i.e: how much percentage of aid is given. | -Enter patient id  - View evaluation | **1005976** | Evaluation file shown | Evaluation file shown with discounted hospital expenditure | **pass** |
|  | To check patient aid form evaluation i.e: how much percentage of aid is given. | -Enter wrong patient id  - View evaluation | **1006** | Evaluation file not shown | File not shown program goes to patient menu | **fail** |

**DOCTOR**

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| --- | --- | --- | --- | --- | --- | --- |
| **SL NO** | TEST SCENERIOS | Test steps | Test data | expected result | Actual RESULT | Pass  /fail |
| ***1*** Doctor Verification | -Shows patient menu by entering correct name and password  - | -verify by entering correct name and password  - verify by entering wrong name and password | -JEMON PHILIP  Fast123  -DOSSA  Fst12 | -username matches , password matches and doctor menu opens  - username does not matche , password does not match thus doctor menu does not open | -Doctor menu opens  -Doctor menu doesn’t open , the program goes back to main menu or exits. | Pass  fail |
| 2.(similar functionality)  Check Patient details.  Check Appointments Booked | Checks patient details  Check Doctors appointments. | -Enter patient id and choose details  - Enter wrong patient id and choose details/  Invoice  -Enter correct doctor MR number , choose to proceed.  - Enter incorrect doctor MR number , choose to proceed | -1005976  -4554  -10000001  -3453 | -Patient id matches and details file is shown  -Patient id does not match and details file is not shown , ultimately program exits  -Doctors MR matches and after choosing proceed, appointment files are shown .  -Doctors MR number does not match, and program exits. | - Details file is shown  -Details file is not shown.  -Appointment file is shown.  -Appointment file is not shown . | Pass  Fail  Pass  Fail |
| 3. Schedule a Surgery | Doctor can schedule a surgery for the patient . | -Enter Doctor MRnumber,  Choose surgery , enter patient ID  -Enter wrong Doctor MRnumber,  Choose surgery , enter wrong patient ID | -10000001,  Laser (example surgery),  1005976  -101  Laser(would not show)  1005 (patient id , which would not show too) | -MR number matches and shows a list of surgeries according to that MR number, then the surgery cost is added in the patient invoice  - MR number does not match and program exits. | -Surgery cost added to patient invoice from doctors MRnumber  -Surgery cost is no added to patient invoice and program exits or goes back to doctors menu. | Pass  Fail |
| 4. Check MR number | Doctor can check his/her MRnumber , if he/she forgets. | -Enter department name , Enter full name for authentication  - Enter wrong department name , Enter wrong full name for authentication | -oncology  JEMON PHILIP  - imaging  JEO PHP(would not show since department name would be wrong) | - Department name matches and asks for YOUR name , when name matches MR number is shown  - Department name does not match , the program goes back to doctor menu or exits. Doctors name is not asked. | -MR number displayed  - MR number isn’t displayed , program exits/ back to doctors menu | Pass  Fail |
| 5. Check Medicines availed | Doctor can check the cost of the medicines he has availed. | -Enter correct MRnumber  -Enter incorrect MR number. | 10000001  1676 | -Medicine cost shown in doctors invoice, based on MRnumber  - Medicine cost is not shown | -Medicine cost shown  -Medicine cost is not added, program exits or goes back to main menu. | Pass  Fail |
| 6. Make prescription for patient | Doctor can make the patient prescription by choosing different options: i.e: prescribe surgery ,blood tests, diet plan etc | -Enter patient ID , choose what to prescribe , continue if you want to add more , go back if you are done.  -Enter incorrect patient id . | 1005976  679 | Patient prescription successfully made.  Patient prescription not made, program exits. | Patient prescription successfully made.  No patient prescription file made. | Pass  Fail |

**LABORATORY**

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| SNO | TEST SCENERIOS | Test STEPS | Test data | expected result | Actual RESULT | pass/fail |
| 1- VERIFY | Add LAB’s name correctly | ENTER THE LAB’S NAME / password  And accept/reject blood test request. | BASIT SHAIKH  fast123 | Should show function to ask user either to accept/reject blood test. | Accept/Reject blood test request. | **pass** |
|  | Add LAB’s name and password incorrectly | ENTER THE LAB’S NAME | ASLAM | Message appears “incorrect name” | Renter name | **fail** |

**ADMINISTRATION**

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| SNO | TEST SCENERIOS | Test steps | Test data | expected result | Actual RESULT | pass/fail |
| 1.VERIFY AND ACCEPT PATIENT AID | Verify the admin and let accept the patient aid or not | -ADD NAME OF ADMIN CORECTLY  AND ENTER PASSWORD. | **BASIT SHAIKH** | Page appears where it is asked if admin want to accept or reject  And asks to enter aid percentage. | Properly verified , and asks for further options | **pass** |
|  |  | -ADD NAME OF ADMIN WRONG | **Loyd James** | **exits** | **exits** | **fail** |

**PHARMACY :**

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| SNO | TEST SCENERIOS | Test steps | Test data | expected result | Actual RESULT | pass/fail |
| **1- FOR PATIENT** | **CHOOSING MEDICINE** | **ENTER CORRECT USERNAME AND PASS**  **ENTER INCORRECT USERNAME AND PASS** | **BASIT SHAIKH**  **Wrres**  **14223** | **Medicine list shown**  **exit** | **Medicine list shown**  **Medicine list not shown.**  **exits** | **Pass**  **fail** |
| **2 FOR DOCTOR** | **CHOOSING MEDICINE** | **ENTER CORRECT MR NUMBER**  **ENTER INCORRECT MR NUMBER** | **DAVID HANRY**  **Fast123**  **Nopeis**  **123fast** | **Medicine list shown**  **exits** | **Medicine list shown**  **Medicine list not shown.**  **exits** | **Pass**  **fail** |