

Test Case Planning

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1. Use Case 2 - *Add/Update Patients*

Test Case ID	TC01 - Add Patient
Test Objective	Add a patient to the database
Preconditions	Patient database has been initialized with patient data
Test steps	<ol style="list-style-type: none">1. Select add patient option on home screen2. Enter all relevant data about patient3. Select the save option
Input Values	Patient's first name, patient's last name, Primary care provider (int from [1-10]), room number(int [101-109]), patient number (automatically generated),. Test parameters: firstName: Jeremy ,lastName: Knolville, roomNumber: 106, pcp: 4
Expected results	Patient added to database

Test Case ID	TC02 - Add Patient with invalid data
Test Objective	Attempt to add a patient with invalid data
Preconditions	Patient database has been initialized with patient data
Test steps	<ol style="list-style-type: none">1. Select add patient option on home screen2. Enter invalid data3. Select the save option
Input Values	Any invalid patient data. Test parameters: firstName: Jeremy, lastName: EvilKnolville, roomNumber: 115(invlaid) pcp: 71(invlaid)
Expected results	Error message stating that invalid data has been entered

Test Case ID	TC03 - Edit patient information
Test Objective	Edit a patient's information
Preconditions	Patient database has been initialized with patient data and search is functional
Test steps	<ol style="list-style-type: none">1. Select search option on home screen2. Search for a patient3. Select the desired patient

	4. Select the edit option
Input Values	Patient's name or other search criteria and the updated patient information. Test parameters: Search: Jeremy Knolville, roomNumber 107, pcp: 5
Expected results	Updated patient information

Test Case ID	TC04 - Attempt to give patient invalid data
Test Objective	Attempt to give patient invalid data
Preconditions	Patient database has been initialized with patient data
Test steps	<ol style="list-style-type: none"> 1. Select search option on home screen 2. Search for a patient 3. Select the desired patient 4. Select the edit option 5. Attempt to enter invalid data
Input Values	Patient's name or other search criteria and invalid patient information Test parameters: Search: Jeremy Knolville, roomNumber: 120(invalid), pcp: 99(invalid)
Expected results	Error message stating that the updated data is invalid

Test Case ID	TC05 - Attempt to edit patient number
Test Objective	Attempt to edit patient number
Preconditions	Patient database has been initialized with patient data
Test steps	<ol style="list-style-type: none"> 1. Select search option on home screen 2. Search for a patient 3. Select the desired patient 4. Select the edit option 5. Attempt to edit the patient's medical record number
Input Values	Patient's name or other search criteria Test parameters: Search: Jeremy Knolville, attempt to click on field for Identifier #.
Expected results	Text box for medical record number cannot be clicked