

Sprint 2 Test logs

These are the test logs for the second sprint. The tests that have failed the first time around have been repeated after changes to the code have been made and have then been marked as passed. Before each test is performed the junit setUp methods add several test records into the database. These values are the same values used in the first sprints testing, however additional records are added into the 'Patients' table in order to fully test the user story. After each test has been completed all the values are removed from the database as well as several linked lists cleared and objects set to null.

The additional values I have used for testing are listed below:

Patient Table

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patient_ID = TP01, doctorName = TES1, name = Tony Stark,      number = 07123456781, dob = 1998-01-07, last_booking = 2021-02-26
patient_ID = TP02, doctorName = TES2, name = Steve Rogers,   number = 07521678291, dob = 1928-04-04, last_booking = 2021-02-26
patient_ID = TP03, doctorName = TES3, name = Thor SonOfOdin, number = 07722324618, dob = 1997-09-05, last_booking = 2021-02-26
patient_ID = TP04, doctorName = TES4, name = Nick Fury,       number = 07715678761, dob = 1973-03-01, last_booking = 2021-02-26

patient_ID = TP05, doctorName = TES5, name = Bucky Barnes,   number = 07865467891, dob = 1940-05-09, last_booking = 2021-02-26
patient_ID = TP06, doctorName = TES6, name = Sam Wilson,     number = 07123675381, dob = 1989-03-03, last_booking = 2021-02-26

```

The test table for the second sprint is shown below:

Test Name	Test Purpose	Test Date	Expected Result	Actual Result	Test Passed?	Rectifications
viewPatientsTest1	<p>Test that the three correct patients registered to the doctor 'TES1' are retrieved.</p> <p>assertTrue used to compare two lists of strings which contain the expected and actual results.</p>	03/03/2021	TRUE	FALSE	No	Error in the methods SQL statement, once that is fixed the SQL statement should perform as expected.

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viewPatientsTest1 -redo	Test that the three correct patients registered to the doctor 'TES1' are retrieved. assertTrue used to compare two lists of strings which contain the expected and actual results.	03/03/2021	TRUE	TRUE	Yes	None
viewPatientsTest2	Test that the correct patient registered to the doctor 'TES2' are retrieved. assertTrue used to compare the expected string to actual string.	03/03/2021	TRUE	TRUE	Yes	None
viewPatientsTest3	Test that the correct patient registered to the doctor 'TES3' is retrieved. assertTrue used to compare the expected string to actual string.	03/03/2021	TRUE	TRUE	Yes	None
viewPatinetsTest4	Test that the correct patient registered to the doctor 'TES3' is retrieved. assertTrue used to compare the expected string to actual string.	03/03/2021	TRUE	TRUE	Yes	None

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viewPatientsTest5	<p>Test that no patients are retrieved from the database as no doctors are logged in.</p> <p>assertNull used to ensure the user object returned is null.</p>	03/03/2021	Null	Null	Yes	None
enterDetailsTest1	<p>Test that the correct information in the Bookings table is updated for booking 'BT01' when the method is called. As well as producing the confirmation messages for the doctor and patient.</p> <p>assertTrues used to compare multiple strings containing the updated fields and messages.</p>	10/03/2021	TRUE	TRUE	Yes	None
enterDetailsTest2	<p>Test that the correct information in the Bookings table is updated for booking 'BT02' when the method is called. As well as producing the confirmation messages for the doctor and patient.</p> <p>assertTrues used to compare multiple strings containing the updated fields and messages.</p>	10/03/2021	TRUE	TRUE	Yes	None

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enterDetailsTest3	Test that the correct information in the Bookings table is updated for booking 'BT03' when the method is called. As well as producing the confirmation messages for the doctor and patient. assertTrues used to compare multiple strings containing the updated fields and messages.	10/03/2021	TRUE	TRUE	Yes	None
enterDetailsTest4	Test that the correct information in the Bookings table is updated for booking 'BT04' and 'BT05' when the method is called. As well as producing the confirmation messages for the doctor and patient. assertTrues used to compare multiple strings containing the updated fields and messages.	10/03/2021	TRUE	TRUE	Yes	None
enterDetailsTest5	Test that nothing is updated in the database and no messages created when no doctor is logged in. assertNull used to ensure the user object returned is null.	10/03/2021	Null	Null	Yes	None