# Log of Junit Tests – Sprint 1

| Test Name | What its testing | Success | What the test indicates |
|---|---|---|---|
| **testConnection()** | Tests if an instance of a loginform can connect to the database of users. | The test passed successfully. | The log in form successfully connects to the database. |
| **testLoginPositive()** | Tests if a user with the correct credentials can log in successfully. | The test passed successfully. | A user with correct details can log in. |
| **testLoginNegative()** | Tests if a user with the wrong details imputed can log in. | The test passed successfully. | A user without correct log in details will not be able to log in. |
| **testLog inCaseSensitive()** | Tests if a user without correct details but not entered in the correct case sensitive way can log in. | The test passed successfully. | A user who enters details in an incorrect case sensitive way will not be able to log in. |
| **testNotLoggedIn()** | Before the user logs in the program should recognise that nobody is logged in. | The test passed successfully. | If nobody is logged in the system recognises this. |
| **testIsLoggedIn()** | If the user logs in the program should recognise that the user is currently logged in. | The test passed successfully. | If the user is logged in the system will recognise this. |
| **testLoggedInFails()** | That if a user fails to log in the system does not update and recognises that that nobody is logged in. | The test passed successfully. | After failing to log in the system successfully recognises this as a failure and does not change the log in state. |
| **testIsLoggedInAfterLogOut()** | Tests that when a user logs in then logs out the log in state is set to false. | The test passed successfully. | A user who logs in and then logs out will be recognised as doing so and so after that the status will be set to logged out. |

| Test Name | What its testing | Success | What the test indicates |
|---|---|---|---|
| **testLoggedDoctorId1()** | Tests whether the id of the logged in doctor matches the id of the doctor retrieved from the database. | The test passed successfully. | Checks whether the appropriate person has logged in to the account. |
| **testLoggedDoctorId2()** | Tests whether the id of the logged in doctor matches the id of the doctor retrieved from the database. | The test passed successfully. | Checks whether the appropriate person has logged in to the account. |
| **testLoggedDoctorId3()** | Tests whether the id of the logged in doctor matches the id of the doctor retrieved from the database. | The test passed successfully. | Checks whether the appropriate person has logged in to the account. |

## Log of Junit Tests – Sprint 2

| Test Name | What its testing | Success | What the test indicates |
|---|---|---|---|
| **testCalendarMonth()** | Tests if CalendarView.cmoth is equal to correct value. | The test passed successfully. | Indicates whether the calendar is showing correct month. |
| **testCalendarYear()** | Tests if CalendarView.cyear is equal to correct value. | The test passed successfully. | Indicates whether the calendar is showing correct year. |
| **testCalendarView()** | Tests what data is being sent when the button 'view' triggers. | The test passed successfully. | Indicates whether the correct data (month, year, doctor ID) is being sent to the display table. |
| **testFrame()** | Tests for the existence of the frame for booking view. | The test passed successfully. | Indicates whether the frame for displaying the booking has been successfully created. |

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| **testResultsPositive()** | Tests for results retrieved from bookings table. | The test passed successfully. | Indicates that the results have been retrieved successfully. |
| **testResultsNegative()** | Tests for results retrieved from bookings table given the incorrect id. | The test passed successfully. | Indicates that the results have not been retrieved given the incorrect id. |
| **testDBConnection()** | Tests connection with the database for ViewTable class. | The test passed successfully. | Indicates that the class has successfully connected with the database. |
| **testRetrievedData()** | Tests data retrieved from the database for ViewTable class. | The test passed successfully. | Indicates that the class has successfully retrieved data from the database. |
| **testConfirmation MessagePositive()** | Tests the confirmation message that has been sent to user after the booking information has been entered. | The test passed successfully. | Indicates that the confirmation message has been successfully sent to the user. |
| **testConfirmation MessageNegative()** | Tests the confirmation message that has been sent to user after the booking information has been entered. | The test passed successfully. | Indicates that the confirmation message has not been sent to the user given the incorrect id. |
| **testCalendarComponents()** | Tests for the existence of the calendar gui components. | The test passed successfully. | Indicates that the components have been successfully created. |