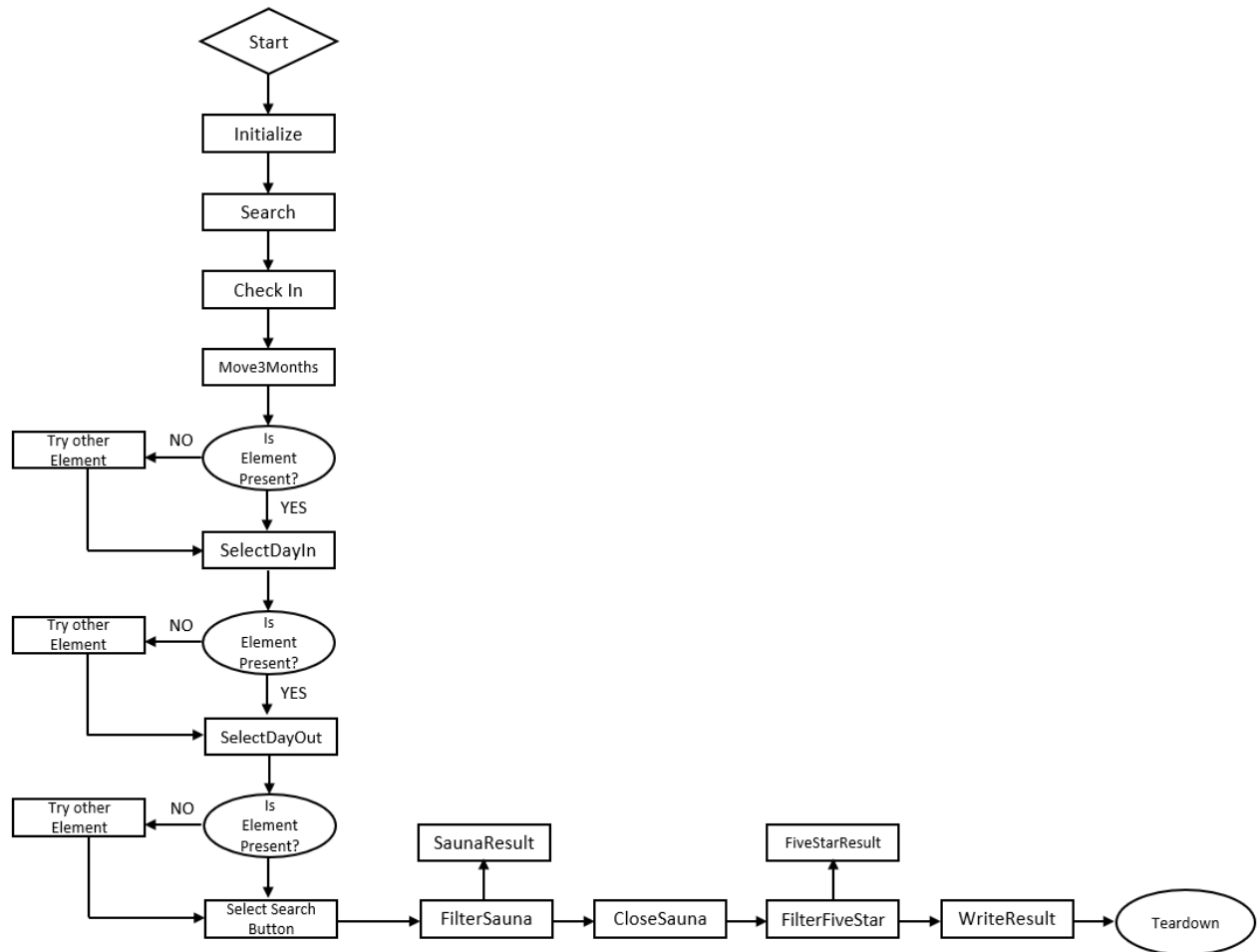
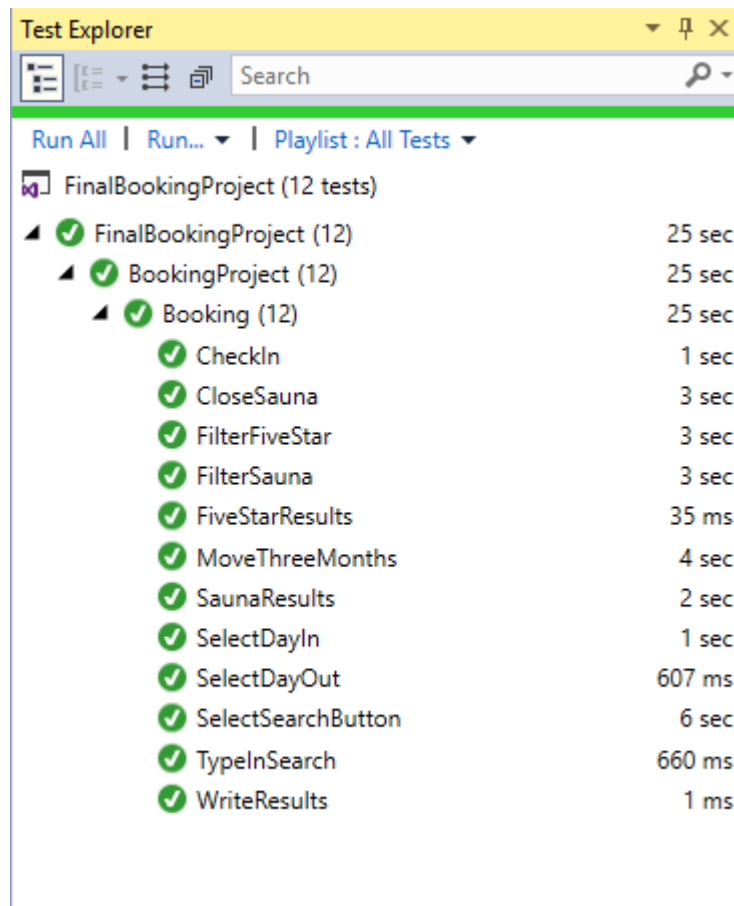


How it works:

- Below is a flowchart that walks through the order that the tests are ran to complete the required task.



- Screenshot showing that all the tests ran successfully.



- The results of the tests are outputted into a text file.



Issues

- This project was originally made on Visual Studio for MacOS, some issues arose with this:
 - In order to run the NUnit tests it was required to also install the NuGet package for NUnit3Adapter which had a range of issues with the Mac versions of the IDE.
 - Spent many hours trying to troubleshoot why only a couple of the tests would be visible and after making any kind of a change they could disappear.
 - Moved the project to Windows and it worked.
- The site can load two different versions for the CheckIn and CheckOut.
 - Originally this led to issues with the tests failing due to the it not being able to locate the element with XPath.
 - After doing some investigation found that by making an if/else statements could make sure that it will be able to locate either of the specific XPaths depending on which one loads on the page.

Future Improvements

- Currently using `Task.Delay().Wait()` between tests in order to ensure that the browser has loaded and updated the information on the page fully before moving onto the next test.
 - An improvement on this would be to wait for the element that the test requires to be present before carrying out the test.
- The results are outputted into a text file. They are stored in an array and the output has been given predefined spaces to appear like they are in some form of alignment.
 - An improvement would be to output it to an excel file or a cell type format that each piece of data can be assigned their own cell. This would be more for aesthetic purposes.
- Number of rooms and number of adults were skipped due to the required amounts for this specific task being selected by default on the site.
 - Improvement would be to click on this box and confirm the numbers and have a test to change it as required by clicking the buttons.