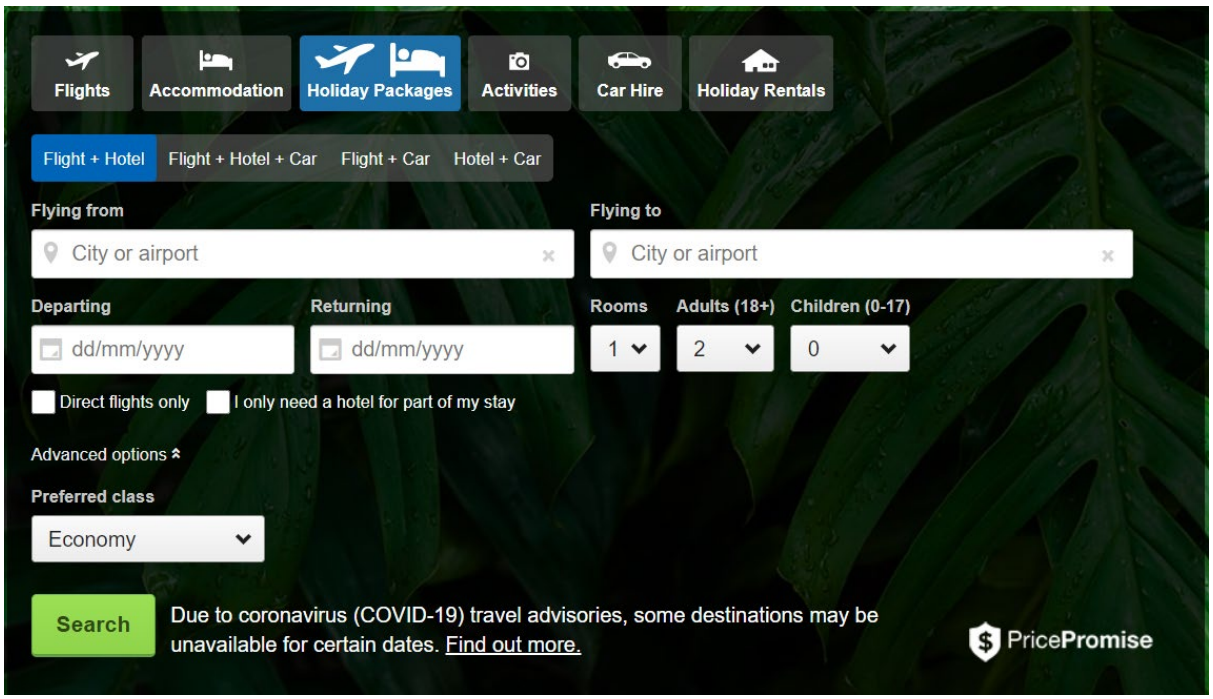
FIT2107
Week 4 Workshop
More Black Box Testing

Note: as before, make sure you create a Google doc for your answers, and share them with the other members of your group *and* your tutor!

Please attempt part 'a' of the question before you come to the lab! For each part, try and work on an answer individually, then discuss your answers in your groups and see if you can reach a consensus to put in the Google doc.

Scenario: Provided a UI for a travelling company.



a) Choose an appropriate black-box testing strategy for testing this UI? (Hint: You may or may not use a combination of testing techniques). justify your answer.

b) Apply the technique or techniques justified in part a) to identify tests.

c) Identify valid and invalid partitions? If any. Justify your choice.

d) Choose three test frames, and for those test frames, write down a test case based on it. For brevity, you may omit writing down the entire contents of any text files in the input or output, but you must make clear what those files would contain.

e) Explain how pairwise combinatorial testing could be used to reduce the number of tests used to test this program. Take about a paragraph. Make sure you discuss its application to this program!

f) Could pairwise combinatorial testing is likely to be a good one for this program? Explain why or why not.