Phase #5 - Integration and Delivery

Due Sunday, April 17, 2022

In this final phase you will write scripts to support integration testing of your OT-Bnb Front End with an OT-BnB Back End to create a working day-to-day system (or at least, a mock-up of one).

You are to create a "Daily" script that:
(i)   runs your Front End over a number of transaction sessions, saving the output daily transaction file for each session in a separate file;
(ii) concatenates the separate daily transaction files into a merged daily transaction file;
(iii) runs a Back End stub with the merged daily transaction file as input and produces mock data (acceptable for input to a Front End).

Once you have your Daily script working, you are to write a "Weekly" script that runs the Daily script five separate times, simulating five days of operation of the OT-Bnb System.

You do not have to actually do integration testing in this phase of the project you are just required to create the necessary test scripts and Back End stub to support integration testing.

What to Hand In

(1) A source listing of your Daily and Weekly scripts.
(2) A source listing of your Back End stub.

Phase #5 Marking Scheme

Daily and Weekly scripts		8 marks
Daily script		
Correctly implements spec and handles files	4	
Weekly script		
Correctly implements spec and handles files	4	
Back End stub		2 marks
Capable of taking in necessary input and producing mock data that is acceptable to the next day's Front End (does not have to be real data).		
Total		**10 marks**