

How test cases of different levels organized:

We will group our test case of different levels based on their features. For example, we organize test case for login session in frontend and backend together, so we can have a better way to test and improve this function.

The order to the test cases:

1. Test R1 and R8 (landing and exit), since they are the start and the end, which are independently by some means.
2. Test R2 (register)
3. Test R3 and R7 (login and logout), they are combined.
4. Test R4, R5 and R6 (sell, buy, update)

Techniques and tools used for testing:

Any kinds of IDE in local
Pytest in github

Environment for the testing:

Local environment for separate test and cloud environment for the whole test

Responsibility:

Zhiying Guo is responsible for R1, R7 and R8
Haowen Wang is responsible for R2
Runbo Fang is responsible for R3
Tiancheng Yang is responsible for R4, R5 and R6

Budget Management:

we plan to minimize the cost by controlling the login time (if no action is taking for a limited range of time, the user will be logged out automatically.)