Yudong Zhou and Hanwen Wang did paired exploratory testing on most parts of third and fourth charters (see: Charter\_List.txt). The purpose that part of the charter was to demonstrate the capability and get a general idea of the system, a Todo Manage system at http://localhost:4567/, before they start to do unit tests.

Yudong and Hanwen took session notes while they tested using Notepad (see: Session\_Notes3&4.txt). They had 3 sessions in total and all the session notes were written in one file. They communicated through calls. Yudong was responsible for implementing and running programs and Hanwen was responsible for taking notes. The charter length was estimated to be between 90 minutes and 180 minutes; they took 124 minutes. Each note for the session included the time and date it was made. Most of the notes were only a couple of minutes apart, and sometimes there were several notes made in a single minute. The contents of the notes included the current progress, action taken and testing results. Most of the contents were similar in general, differences occurred when testers encountered potential errors.

During the first session, Yudong and Hanwen did tests in sequence shown on http://localhost:4567/docs until the session ended. In the second session, they continued doing tests in sequence but skip those tests done by the other group. Before the third session, they had a team meeting with the other group and distributed work for the remaining tests. Those were the tasks done in the third session.

If a test in the session notes had to do with an error, it was marked by #POTENTIAL ERROR at the end of the note. Since tests were gone through in a relatively fast pace, human-made errors might occur. Consequently, those errors were potential instead of actual, which meant that those parts should be paid more attention to in unit tests. Only after detailed tests in unit testing, they could be logged as bugs if their behaviors were still different from the documented descriptions. One of the potential errors was not related to API testing, while others were all related to the charter.

Programs were implemented during testing sessions (see: test.py, todos.py, todosid.py, todosidtasksof.py, todosidtasksofid.py, todosidcategoriesid.py, projectsidcategories.py, projectsidcategoriesid.py, projectsidtasks.py, categoriesidtodosid.py, categoriesidprojects.py, categoriesidprojectsid.py, docs.py, shutdown.py). Summary of session findings, list of concerns identified and list of new testing ideas identified in all three sessions were written after testing sessions (see: Session\_Notes\_Summary.txt).

**Reference**

Charter\_List.txt

Session\_Notes3&4.txt

test.py

todos.py

todosid.py

todosidtasksof.py

todosidtasksofid.py

todosidcategoriesid.py

projectsidcategories.py

projectsidcategoriesid.py

projectsidtasks.py

categoriesidtodosid.py

categoriesidprojects.py

categoriesidprojectsid.py

docs.py

shutdown.py

Session\_Notes\_Summary.txt