



## **COMP9900 Information Technology Project**

### **Retrospective B**

#### **Team Salted Fish**

zID	Member	Role
z5108173	Xiaowei Zhou	Scrum Master/Developer
z5177443	Keyu Yang	Developer
z5243620	Lisha Jing	Developer
z5225777	Nan Zhao	Developer
z5222641	Qingbei Wu	Developer

**Retrospective:****Good Process**

A lot of Python doc has been added to backend code, making it easier for understanding with python's built-in variable `__doc__`.

Backend installation guide has been updated for easier setup and demo.

Coding progress has been updated more frequently in WeChat, which is more efficient than only using github/jira.

Backend API has been controlled with authentication wraps for clear coding format and easier understanding.

All functionalities required by the descriptions have been finished.

Frontend interface has a clean layout and well structured code.

Not Good	To Try (Related to Not Good part)	Assign
Backend sql query string is using python 3.5 format which is not up to date and not as clear as python 3.6+.	Replace previous sql string standard with new format-string standard started from python 3.6.	X. Zhou
Backend restplus API is not sorted in main app code although it is sorted in swagger.	Re-order backend APIs to make it consistent with swagger.	X. Zhou
Backend code doc has not been completed.	Try to fill documentation to all backend methods/classes as soon as possible.	X. Zhou
Insufficient documentation in the frontend part.	Try to provide detailed documentations about the frontend.	N. Zhao K. Yang
Message from backend include space that not supported by frontend	Adjust format of message from backend	Q. Wu
Some parts of the codes of the frontend are redundant.	Create the new React files to use the code repeatedly	N. Zhao K. Yang
Code redundancy in backend.	Review and analyse backend code, remove the unnecessary part and do code optimization.	L.Jing
Invalid data in the backend database system should be cleared to avoid abnormal system behaviors.	Review and clear invalid and exceptional data in the database system.	L.Jing
Not enough valid data in the backend system.	More valid data should be uploaded into the database system to support all functions' performance.	L.Jing

**Effect of Last Retrospective:**

<b>Not Good</b>	<b>To Try (Related to Not Good part)</b>	<b>Effect</b>
Progress reporting is not enough by using github issues/jira - may need to increase reporting in IM.	Report to everyone after completing an issue/functionality in IM.	By increasing progress reports on commits in WeChat, it feels better collaborated.
Code comment/doc is not enough to understand easily.	More documentation for backend code/API	By adding standard python doc, backend code now supports the widely accepted <code>__doc__</code> method in Python.
Backend API return is not consistent and simple enough.	Directly return mapped values in future API instead of raw values.	All new APIs are now returning mapped value which is easier for frontend rendering.
Backend class structure does not have enough / proper accessors for functionalities.	Add more accessors for classes/objects (factory method?)	Several object accessors have been added and now allowed open modification in API code.
Front-end Jira/Github subtasks/issues progress update not on time.	Increase frequency of jira/github tracking update for frontend tasks.	Small updates can be viewed and accessed by all team members with the development progress.
Time arrangement for some jobs is not sufficient so sprint1 is quite busy.	Improve task allocations for sprint3/4 by re-organise some allocated tasks/user stories.	Some tasks have been removed/added and re-organised to make Sprint 3/4 less stressful.

**Attendance Information:**

Date	24 July 2020
Time	13:00 - 14:00
Platform	Zoom Meeting
Member	Attendance (Yes/No/Late)
Xiaowei Zhou	Y
Keyu Yang	Y
Lisha Jing	Y
Nan Zhao	Y
Qingbei Wu	Y