

<<5/5>> 會議記錄

會議日期	2014/5/5
時間	12:30 – 17:00
地點	德田館 439
主持人	None
紀錄者	劉宗瑋
目的	Homework review and project review

參與者

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會議議程

1. Review Homework 10
2. Project discussion

會議討論議題

1. Review Homework 10 [2hr]

Based on the initial design of 佳倫, we had lots of discussion on whether different type of documents should be presented as a subclass or a single attribute. Finally we thought that different documents may have different kinds of context so that it should be encapsulated in our initial design.

During the refactoring process, the main issue is how to avoid the switch statement in `CreateDocument()` so that we won't modify this method in the future to add more types of documents. We decided to encapsulate `create()` method as various `Creator` classes and develop an interface as the abstraction of these classes. Therefore client can pass his/her `Creator` instance to our application and use it. However, the switch statement is not avoidable but simply shifted from our application scope to client.

2. Project Discussion [2hr]

The work is based on our high-level system architecture. Comparing to original NodeXL as a plug-in, our product will be independent from Microsoft Excel with new GUI. We also add the flexibility to select different features of data to be vertices when data are imported from network or load from file; pre-imported data are now stored in our database which means one can use those data next time without importing again; at last, the tasks of SNAP are shifted to one of our system component so that I/O overhead between original NodeXL plug-in and SNAP is avoided. Details can be found in

requirement document.

Action Item 後續處理項目

編號	處理動作	負責人員	處理期限	狀態	備註
1	WBS draft	黃奕軻	4/1	Closed 4/1	蔡宗翰 review
2	提供 Github public key	All	4/1	Closed 4/1	
3	新版 WBS	呂俊宏	4/4	Closed 4/4	
4	加入 Implementation 的詳細內容	All	4/7	Suspended	On google doc
5	繪製 High-Level Architecture	呂俊宏	4/8	Suspended	
6	上傳前次的 meeting minutes	吳佳倫	4/8	Closed 4/1	
7	WBS – 分析、設計階段認領	All	4/7	Closed 4/8	
8	設定 Github key, 並確認成功上傳至少一次	All	4/8	Closed 4/8	奕軻 review
9	Homework 6	吳佳倫	4/8	Closed 4/8	
10	Check all commit	黃奕軻	4/8	Closed 4/8	
11	Review System Architecture	All	4/14	Closed 4/14	映孜 review
12	Code Survey	All	4/14	Closed 4/14	
13	Terminology and Naming	呂俊宏	4/14	Closed 4/14	
14	Homework 7-1	蔡宗翰	4/15	Closed 4/15	
15	Homework 7-2	呂俊宏	4/15	Closed 4/15	
16	Homework 8-1	林映孜	4/21	Closed 4/21	
17	Homework 8-2	劉宗瑋	4/21	Closed 4/21	
18	Homework 9-1	范哲誠	4/28	Closed 4/28	
19	Homework 9-2	廖蔚棠	4/28	Closed 4/28	
20	User Requirement	All	4/28	Closed 4/28	
21	System Requirement	All	5/4	Closed 5/5	
22	Interface Requirement	All	5/5	Closed 5/5	
23	Homework 10	吳佳倫	5/6	Closed 5/5	
24	Refine System Architecture	All	5/13	Open	
25	Presentation of Requirements & Architecture	蔡宗翰	5/6	Closed 5/5	

下次會議

日期	時間	地點
5/6	4:20	TBD