<<SED103 Team3>> 會議記錄

會議日期	2014/4/11
時間	15:00 – 17:30
地點	德田館 R440
主持人	呂俊宏
紀錄者	劉宗瑋
目的	Complete HW2 and discuss system architecture design

參與者

姓名	E-mail	角色
呂俊宏	enricolu@gmail.com	組員
范哲誠	d02922030@ntu.edu.tw	組員
黃奕軻	b99902032@ntu.edu.tw	組員
劉宗瑋	b99902100@ntu.edu.tw	組員

會議議程

1. Review and merge solutions of HW2 made by participants
2. Review and modify system architecture design based on previous product

會議討論議題

1. HW2

Based on 奕軻's design, we reach consensus with the conclusion listed below:

- Duck is designed as an abstract class, which is implemented with various different ducks such as ReadHeadDuck, RubberDuck…
- swim() is hard-coded in Duck class as a concrete method, and display() is an abstract method expected to be implemented by ReadHeadDuck, RubberDuck, etc.
- Both fly and quack behavior are designed to be interfaces, called FlyBehavior and QuackBehavior respectively, so that extension of different type fly/quack action can be made easily by inheritance.
- A Duck type object holds references of a single FlyBehavior and QuackBehavior type object respectively, so that it can perform fly/quack action and change behavior at runtime by holding different behavior objects.

2. High Level Architecture Design

Based on the product of previous meeting, 俊宏 made more precise explanations of each system components and deliver a more proper view of the high-level architecture with the help of other participants.

In addition, terminology and naming of our project is assigned to 俊宏 to define in order to reduce the confusion may happen in discussion of architecture design afterwards.

Figure 1. is the modification of the previous product. The main differentiation is the GraphToData component of the previous design is turned into an Importer component. The modification is

made for the clarification of the data format used in each component.

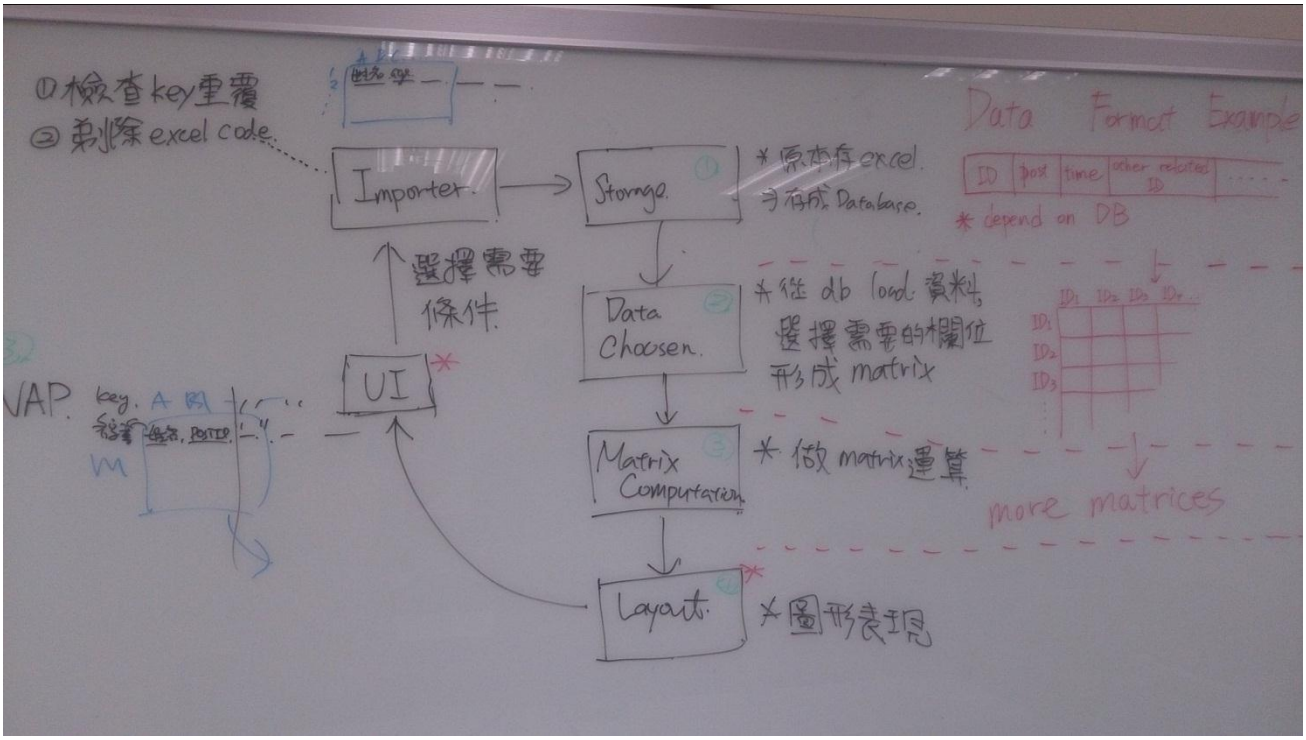

Fig 1.

Figure 2. is another explanation of the workflow made by 俊宏. Some phases of works have its corresponding system components drawn in Fig 1. For example, plug-in corresponds to Storage component in Fig 1, which is handled by Excel in original NodeXL framework.

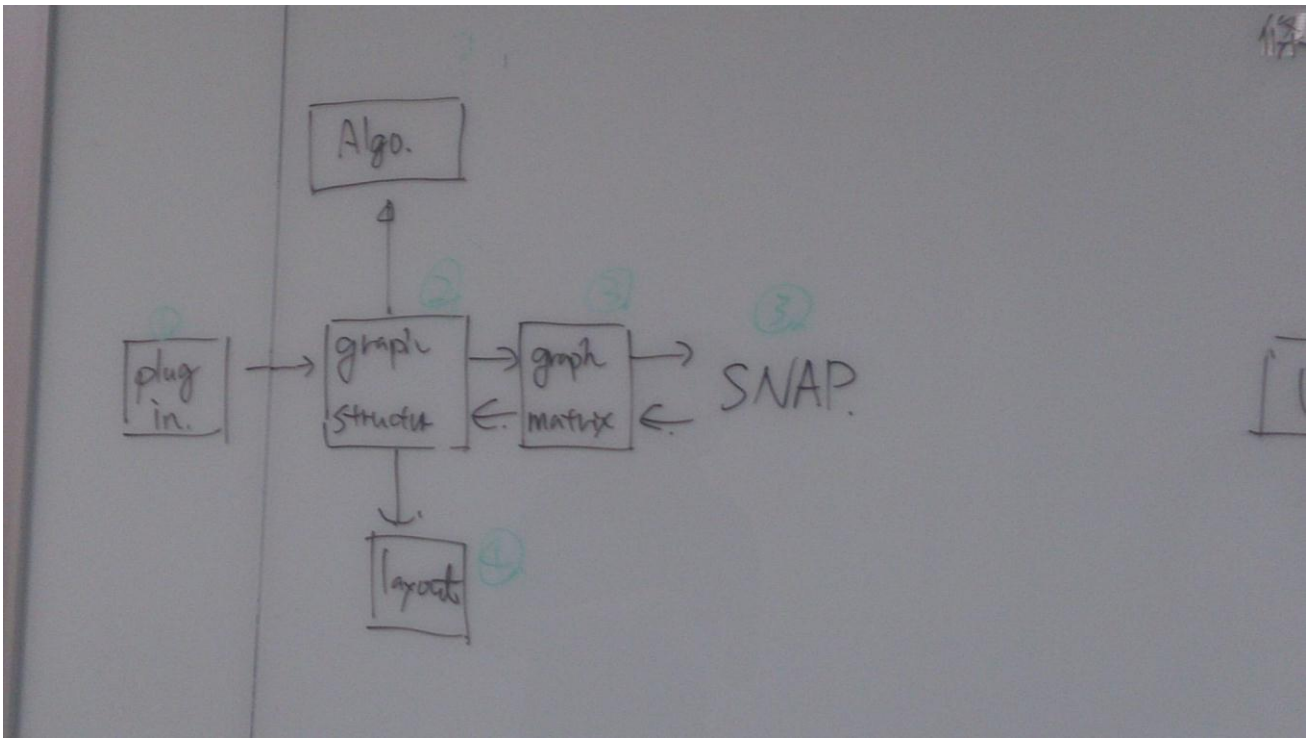

Fig2.

For work assignment of code survey, 俊宏 suggest that Team A (include 宗翰, 映孜, 尉棠, 佳倫) can concentrate on UI, Importer, Layout components and Team B do the rest.

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**	Review by 蔡宗翰
2	提供 Github public key	全員	4/1	**Closed 12/31**	
3	新版 WBS	Eric	4/4	**Closed 4/4**	
4	加入 Implementation 的詳細內容	全員	4/7	**Suspended**	On google doc
5	繪製 High Level Architecture	Eric	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	全員	4/7	**Closed 4/7**	
8	設定 Github key, 並確認成功上傳至少一次	全員	4/8	**Closed 4/8**	Review by 奕軻
9	Homework 6	吳佳倫	4/8	**Closed 4/8**	
10	Check all Commit	黃奕軻	4/8	**Closed 4/8**	
11	System Architecture Design	All	4/20	**Ongoing**	
12	Homework 7	Eric, Cai	4/14	**Ongoing**	
13	Terminology and Naming	Eric	4/14	**Ongoing**	

下次會議		
日期	時間	地點
2014/4/14	12:20	德田館 R440