

Date: 15 January 2016

Time: 01.45pm to 02.35pm

Venue: SMU School of Information Systems
Level 4
Meeting Room 4.3

Attendees: Prof Kam Tin Seong – Associate Professor
Leong Junkang, Gabriel – Team Skulptors Member
Tan Siying – Team Skulptors Member
Zhou Xuanyi – Team Skulptors Member

Absentees: NIL

Agenda: 1. Discussion of team's project scope and feasibility
2. Discussion of D3.JS

Discussion:

1. We need to ask sponsor on how they plan to classify ABC. Is it by number of days or the turnover time?
 - a. This is needed because we will then know whether to do a math formula or other methods.
2. We need to explore and play with the data more before able to do any analysis and decide on which field we will need to use.
 - a. We might need to do pivot table and aggregate them by their date or month.
3. Prof Kam prefer students to use browser to do debugging. Browser such as Chrome provides debugging tools, Firebug will need to be installed onto Firefox to do debugging.
4. DC.js is an application that work on top of D3.js.
 - a. Advantage: it has the layout, thus it's easier to do the graphs. It will be useful if we want to have graphs out as early as possible.
 - b. Disadvantage: since it's an application, we will not be able to do our own data visualization. It is not easy to customize it.
5. Prof suggest us to read up on:
 - a. Cross Filter as it will help us to do dimension table based on our data.
 - b. Google "D3 Tips and Tricks". It include DC.js material. We should read through the first 5 chapters as it will help us to control D3.js API such as svg.
 - c. Google "Programming Data Visualization for the Web". The online version is free. But prof suggest that Tips and Trick is easier to read.

- d. Read a book called “Information Design” by Stephen Few.
 - i. It’s stored at the reserve section in school library. Alternatively, it can be found in NLB as well.
- 6. As we have date in our data, we will need to caliber the date time. We should read up on the Time Scale API in D3.js
- 7. Prof will like every member of the team to code, and unlike FYP whereby there is a project manager.
- 8. Use Tableau/JMP to do a graphs and view mock up.
 - a. We can consult prof after that if we want those graphs to be in our application. We can ask which library to use to code it out.
- 9. Control Chart in D3.js is just a line chart with 3 references.
 - a. The 3 references are the upper and lower bound that can be controlled. And a mean that is based on calculation.
- 10. He does not need us to deploy the application. So everything stay as CSV is ok for him too.
- 11. Will be easier for us to use GitHub
- 12. Remind Prof Kam to send us the Dashboard Design slides.

Action Items:

No.	Task	In-charge	Due date
1	Remind Prof Kam to send Dashboard Design slides	Tan Siying	15 January 2016
2	Check with sponsor the method in classifying ABC	Team Skulptors	20 January 2016
3	Read up on Cross Filter	Team Skulptors	22 January 2016
4	Read up on “D3 Tips and Tricks”	Team Skulptors	22 January 2016
5	Read up on “Programming Data Visualization for the Web”	Team Skulptors	22 January 2016
6	Read a book called “Information Design	Team Skulptors	22 January 2016

The meeting was adjourned at 02.40pm. This minute will be circulated and adopted if there are no amendments reported in the next three days.

Prepared by,



Tan Siying