Temasek Polytechnic

School of Informatics & IT

**Diploma in Financial Business Informatics**

MP Minutes of Meeting

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| --- | --- | --- | --- |
| Date: | 10/1/2013 | |  |
| Week: | 10 | |  |
| Venue: | HP Lab | |  |
|  |  | |  |
| Present: | Esther Chia  Soh Jun Jie  Ong Qi Yong  Leung Kai Yiu  Yan Dawei | |  |
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Dawei started the meeting at 3:00 pm.

| **S/No** | **Item** | **Action By** |
| --- | --- | --- |
| **1.**  **2.**  **3.** | **Legal issues with web crawling**  With nTrader’s algorithm basing on third parties’ extracted data which the group extracted through its web crawling algorithm, Dawei was concern about the legal feasibility of the solution. To that Esther commented that the act of web crawling is considered as data thieving, and that the group should obtain official confirmation from these third parties if they allow web crawling. Esther also questioned if it was possible for the group to switch news provider e.g. Reuters, as TP has a business partnership with Reuters. Qi Yong added that the act of web crawling is governed by a text file which is located in the root directory of websites called “robots.txt”. He further pointed out that robots.txt specify the zone in a website which web crawlers are allowed to crawl into and those that are not allowed, however, robots.txt basically has no legal power to determine if the intent of web crawling is legally valid or invalid. Jun Jie noted that if the group were to switch provider, the group might have to tune its algorithm to suit these providers e.g. Reuters. Kai Yiu also noted that the group has only two choice: improve the Natural Language Processing Algorithm or gear the underlying algorithm towards Reuters. The group was expected to strengthen their legal aspect of the system.  **Discussion of WordlearnHQ gaming features**  Jun Jie introduces to Esther the gaming features of the nTrader’s WorldlearnHQ portal, starting with the “Find the Jargon” word game. To that Esther commented that the game is rather inaccurate, especially in identifying financial terms of different grammatical variation. Kai Yiu explained that financial terms data are ported over from financial times lexicon thus some terms does not reflect financial terms. Qi Yong added in the long term, the group intends to scrap the current extracted data and developed its own data instead, from scratch, as third parties’ data does not reflect the group’s customized needs. Dawei pointed out that the key point of the game is to allow our target segment – the beginner investors to be accustomed to reading financial news.  Jun Jie then introduces the next financial word game - “Guess the Jargon”. To that Esther commented that the group have not implemented the appropriate visuals to depict number of tries the user have left, for the game. From an overall view, Esther pointed that the team needs to create a difficulty setting for games as some users prefer very challenging gaming level, while some prefer to start from the easy level.  **Preparation of MP presentation**  Esther mentioned that the schedule for MP presentation might shift as the school IT committee requires all IT projects to be submitted for consideration by Tuesday 15/01/2013. Esther also hopes to see the group perform a dry run of MP presentation so that she can provide her feedbacks on presentation improvement. | Yan Dawei  Team  Qi Yong  Team |
|  | The meeting ended at 4pm. |  |

Recorded by:

*Soh Jun Jie*

Soh Jun Jie

Recording Secretary

10 January 2013

Confirmed by:

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Esther Chia

Supervisor

14 January 2013