CSE/CPEG Final Year Project/Thesis  
  
Monthly-Report Submission Guideline

**Objective:** To track the progress of the Final Year Project/Thesis (FYP/FYT).

* There are **5** monthly reports which account for **5%** of the final grade.
* There are 4 monthly reports due in the Fall, i.e. Sept., Oct., Nov. and Dec. We recommend the meetings take place before the proposal report is due in Sept. and middle of the month in Oct., Nov. and Dec.
* The last monthly report is due in Feb., before the progress report is due.
* It is the responsibility of the student to submit the completed report to the FYPMS.

**Monthly Report for CSE FYP/FYT**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Project Code: | DL2 | Supervisor(s): | | Professor Dik LEE | | |
| Project Title: | Predicting trends of Interests in Twitter | | | | | |
| Group Member(s) and Student ID(s): | Luk Wing San (20193803)  Tsang Chiu Sing (20133126)  Kwok Chun Ho Andy (20272350) | | | | | |
| Reporting Period:   * Scan report and submit via the FYPMS | Report #1  Sept.  Report #2  Oct.  Report #3  Nov.  Report #4  Dec.  Report #5  Feb | | | | | |
| Progress:   * List the work completed in this reporting period. * Identify the major difficulties encountered. * Comment on the overall progress. | * Set the scope of our project to two traditional approaches to trend prediction, including user-based analysis and general trend prediction * Started collecting tweets data that would later be used for analysis (a month of data collected) * Preprocessed data to remove some of the noise e.g. stop words and most frequently used words e.g. “the”, “is”, “a” that do not add meaning * Determined to use Python as major programming language for handling data and for future prediction, as there are a lot of libraries (e.g. numpy, matplotlib, jupyter) that make the calculation easier. * Researched into the prediction algorithms we may use for the prediction. However, there are too many possibilities that make it difficult for us to choose the most suitable one, given our approaches to prediction, dataset   The overall progress of the project is good. It appeared to be a project that is difficult to be dealt with. Nevertheless, as we started to invest more time into it, things become clearer and we are starting to develop our own thought for the projects. | | | | | |
| Future Plan:   * Write down the working plan | * Our top priority is to figure out what predictions would generate better results given our approaches and dataset. * For that, we are going to study the strength and weakness of different prediction approaches and select a subset of them for further examinations. * Then, we are going to develop an evaluation framework that allow us to fit our data into different prediction models to evaluate the performance. | | | | | |
| Supervisor’s  Comments: |  | | | | | |
| Supervisor’s Overall Evaluation:  F  D  C-  C  C+  B-  B  B+  A-  A  A+ | (please circle) | | | | | (letter grade) |
| Meeting  Date & Time: | 5th September 2017 | | | | | |
| Group Representative’s Signature: |  | | Supervisor’s Signature: | |  | |

(Version 2015-09-17)