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 3 monthly reports which account for **5%** of the final grade.
* There are 3 monthly reports due in the Fall, i.e. Oct, Nov and Dec/Jan. The monthly reports in Oct and Nov are due by 11:59pm on the last day of each month. The monthly report in Dec/Jan is due by 11:59pm on 15 Jan.
* We recommend the meetings with project advisor(s) to take place in the middle of the month in Oct, Nov and Dec.
* It is the responsibility of the student to submit the completed report to the FYPMS.

**Monthly Report for CSE FYP/FYT**

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| Project Code: | DL2 | Supervisor(s): | | Dr Dik-Lun Lee | | |
| Project Title: | A system for predicting stock price and offering financial advice | | | | | |
| Group Member(s) and Student ID(s): | Ho Chung Shun (20505654), Tse Chun Lok (20517188), SHI Jianhua (20517310), Ling Hou Lam (20517592) | | | | | |
| Reporting Period:   * Scan report and submit via the FYPMS | Report #1  Oct  Report #2  Nov  Report #3  Dec/Jan | | | | | |
| Progress:   * List the work completed in this reporting period. * Identify the major difficulties encountered. * Comment on the overall progress. | Work Completed:   1. Initialized the back-end web server using Java Spring Boot. 2. Built a basic layout for UI interfaces. 3. Implemented a data preprocessing program for stock price data.   Major Difficulties:   1. There were stocks delisted. ETFC was acquired by Morgan Stanley. NBL was acquired by Chevron Corporation. 2. The stock price data downloaded from yfinance is inconsistent. There are also missing Volume data in some of the dates.   Overall Progress:  Our current progress is going smoothly and as scheduled. We almost finished the design except the risk management part. The implementation of data crawlers and data preprocessors has been completed. We have also started to develop web application. | | | | | |
| Future Plan:   * Write down the working plan | 1. Start development of the back-end APIs for authentication, account registration and account management. 2. Start development of the front-end UIs to collect financial status of the users. 3. Study the financial status required for risk calculation and what investment goals the system can help to achieve. | | | | | |
| 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: | 17/10/2020 15:00 | | | | | |
| Group Representative’s Signature: |  | | Supervisor’s Signature: | |  | |

(Version 2018-11-29)