

2018 ECO2508H Project 1 Requirements

Draft Date: Feb 1st, 2018, by Alan Yang

Requirements

Project 1 needs to be finished in groups. Please form your group and nominate a group coordinator. Group member should maintain **minimum of 8 and maximum of 10** (so far, there are 28 registered. There might be drop outs or new registers. I guess the class size is between 24 and 30). Group sign up due date is Feb 3rd. Group coordinator should confirm your group members to me in email before group sign up due date. Group members cannot switch after group sign up due date. If after the group sign up due date, there are still students fail to join a group, course instructor will assign them to a group randomly.

Assume your group is a Financial Risk Management consulting company (choose your company name!). There is a ABC bank want to purchase a ALM software. Financial Risk Analysis software company HC Inc. wants to sell its SQUAREHEAD ALM software system to ABC Bank. Now ABC bank comes to your company for consulting. ABC bank requires you to evaluate the HC's SQUAREHEAD system and want you to comment on the system to see if it satisfies to the ABC Bank's ALM requirements (please refer to **ABC Bank ALM System SOW**).

ABC bank also ask you to revise the HC's SQUAREHEAD system to fit in ABC's ALM SOW requirements. (including add new features, correct potential errors, optimize calculation process, provide user friendly GUI, clearer report etc.)

You will receive HC's SQUAREHEAD ALM software and relevant documents on Feb 4th.

Deliverables:

1. Your analysis report of HC's SQUAREHEAD systems, identify the gaps between SQUAREHEAD and ABC Bank's SOW.
2. Your revised ALM system including VBA application: Group#-p1-ALM.xlsm
3. Your system design Spec: Group#_p1-ALM-spec.docx
4. Proof of Concept (POC) Report
5. User Manual

(Note: all reports must be in MS Word format and have group #, group name and group members' names on the front page)

Submission Due date and Marks:

Due date of Project 1 with no penalty is: the midnight of **March 3rd**, 2018.

Note: If you submit after due date, your team mark **cost one mark per day** (e.g. if your submission time is March 8, it will cost your team 5 marks). If you submit after **March 15**, your project 1 receives 0 marks!

Each group only submit one package. The group coordinator is responsible to zip the deliverables with zipped file name: **Group#_p1.zip** and submit the zipped file online from ROSI Portal.

Marks of project 1 is **30** which accounts for **30** of the total course marks. (**Not decided yet!!!**, I may give each team some bonus marks and ask team to distribute anonymously based on contribution. But in the end, each team member's mark should not exceed 30.)