SENG3011 – Week D4 Requirements

Demonstration

The final demonstration will take place on Week 10 with the two assessors (no mentor). Unlike the previous presentation, this one should focus on showing your software product in action. Here is a checklist for the final demo:

1. Check your demonstration time and make sure all team members are present.
2. Set your demonstration ready before your scheduled time and have your testing scenarios ready in advance
3. You go straight into the demo, no need for slides unless you want to emphasize a particular point
4. Start by going through what type of users the system is designed for and your most important use case. Concentrate on what you believe are your key selling points.
5. Stick to **12 minutes** maximum
6. In the second part of the demonstration, you will be getting feedback as well as answering questions from examiners

The demonstration will be made using the Lecture Theatre's Projector whenever possible. If you need an adapter for your laptop, please let LIC know in advance. Attendance to demonstrations to open to all students but it is not compulsory to attend all presentations.

Demonstration will be under the business requirements perspective, technical point of view, and the professionality of the presentation.

Demonstrations Schedule

The final demos will be in three rooms as in Week 8, see timetable on Web site.

Allocation of marks for the demonstration

Business Idea and Requirements Addressed	40%
Technical Point of View	40%
Professionality of presentation organization and conduct	20%

Final Report requirements

Your final reports in Github should contain:
- The use cases / requirements of the API and the analytics platform
  - Focus on what has been achieved.
- The system design and implementation
  - Build upon your previous reports
  - Updated to reflect any incorporated feedback from previous weeks, any changes from doing the testing report, and the inclusion of your analytics platform
  - Make sure your final "software architecture" description is clear, and your technology stack is consistent with any changes
  - Add any other relevant information to your design i.e. all additional APIs used in your project, algorithms you've employed, etc
  - Provide a **summary** of the key benefits/achievements of your project relating back to your design/implementation
- Team organisation and conclusion/appraisal of your work
  - Responsibilities/organization of the team
    - Ultimate breakdown of team composition and responsibilities
  - How did the project go in your opinion ?
    - Major achievements in project
    - Issues/problems encountered
    - What kind of skills you wish you had before the workshop (this way we can try include them in other courses)
    - Would you do it any differently now ?
      - I.e. tools, different technology, time management, etc
  - Github should also contain your source code and development/testing files. This should be a **working** version of your software even if there are library files missing.Your code quality will be assessed

Submission

Deadline for the final report is **Monday Week 11 at 7pm**.
*Teams selected for Optiver prize will be announced within week 10 and they will get a 1 week extension for the report submission.

Report Evaluation Criteria

Use Cases and Requirements	40%
Design	50%
Other (system appraisal, limitations, etc)	10%

GitHub repository organization and source code quality will receive 5% of final course marks.

Peer Assessment

By default, it is assumed that all team members have contributed equally. If this is not the case, the attached peer assessments must be filled, signed by all team members and returned (or emailed) to the Lecturer-In-Charge.

Software Engineering Workshops 3

Peer Group Assessment Form

1. If it is your teams judgement that the contribution of your teams members is not of equal value you are required to fill out this form indicating the contribution of each team member to the task, checkpoint, assignment undertaken.

2. The form must be submitted with the assignment you are submitting it for. Peer Group Assessment Forms submitted after the submission of an assignment will not be considered.

Project Final Submission

Date Due:

Group Number or Team Name:

You have three methods of a submitting a Peer Assessment:
(1) Your group agrees that everyone's contribution is of equal value: ***Tick the box on the signed cover sheet for the assignment***
(2) Your group agrees on different levels of contribution for each member: ***Fill out Table A below***
(3) Members cannot agree upon the contribution of each member: ***Fill out Table B below***

Three examples will explain the effect of peer group assessment
(1) Group receives 10/15 for their assignment
 - Members tick box on cover sheet
 - Everyone's contribution is rated at 100%
 - Each member scores 10/15
(2) Group receives 10/15 for their assignment
 - Members use Table A
 - Three members (A, B, C,) are rated with a contribution 100%
 - One member (D) is rated with a contribution of 50%
 - Three members (A, B, C,) score 10/15 and one member (D) scores 5/15
(3) Group receives 10/15 for their assignment
 - Members use Table B
 - Member contributions average 100%, 75%, 50% and 20%
 - Members score (respectively) 10/15; 7.5/15; 5/15; and 2/15

Table A: Different levels of contribution agreed upon

Instructions - Column 1: print the Student ID
 - Column 2: print the name of each team member
 - Column 3: print their contribution (a percentage out of 100%)
 - Column 4: each team member then signs against their own name

Student ID	Name of Team Member	Contribution	Signature

PEER GROUP ASSESSMENT (Continued)

Table B: Different levels of contribution not agreed upon

Instructions
- Column 1, print the name of each member
- Each member then prints their own name in only one column (from 2 to 6), and beneath prints their assessment of the contribution of each member
- Complete the member declaration
- The tutor will average the assessment for each team member based on the peer assessment
- If the tutor is unclear on the grounds for the assessment, the tutor will hold a team meeting so that the situation can be resolved amicably

Student Name					
Column 1	**Column 2**	**Column 3**	**Column 4**	**Column 5**	**Average**

Member declaration:

I declare that my peer group rating shown in the table above has been explained to the other members in the presence of the full group. The rating is based solely on my assessment of each member's contribution of effort, quality of work and participation at team meetings/activities for the assignment.

Member's Student ID					
Member Name					
Member Signature					

Criteria

The following criteria should be used as the basis for your evaluation:

1. Attendance: Includes all meetings
2. Quality of work: This should be compared to the expectations for an individual and their tasks (its is not an ideal)
3. Cooperation: Did the individual compromise, pitch-in and work for the team or complain and work in isolation
4. Ability to meet deadlines: Were tasks done ahead of time, on time, or behind time? Were excuses legitimate?
5. Leadership or self-discipline: Was the individual able to take charge where appropriate, work independently and be creative?

Note
If you are not satisfied by the assessment decision reached by your peers *do not sign this form*.

In this scenario the team will be required to meet with the lecturer-in-charge, before the final exam, to resolve the issue
Peer assessments not resolved before the final exam may result in a mark of 0 being awarded for the assignment