INFO3003
Elaboration 1 Iteration Brief

MS	Components	%	Due Dates
BLOCK 1			

Iteration 2 – Elaboration 1	• 3 fully dressed use cases
	• Business process model incorporating use cases
	• All analysis and UML models needed to realise use cases
	   o Domain model (Class diagram/ERP)
	   o Sequence Diagrams
	   o State Diagrams
	   o Any additional modelling used
	• Implemented system with 2 use cases
	• Integration of feedback into the documents
	   o Any changes must be highlighted
	• Iteration Plan for next iteration
	• Client interaction documentation
		10	**Dual Screen Presentations: Monday 7th May to Thursday 17th May.**
			
			Presentations will be marked, and verbal feedback provided.
			
			All documents and system must be submitted by <u>Sunday 6th May at 23:00.</u>

What is Expected

The point of this phase is to *elaborate* on what was started during the inception phase. Design and domain models need to be crafted and the use cases that are being fully dressed need to be implemented into a working version of the system. Consistency across the models, documentation, and system is an important element to consider during this iteration.

This iteration will be assessed in a dual screen presentation format. Students will be required to showcase the analysis and design that was proposed in the modelling and simultaneously showcase the matching functionality in the system. The requirements for the presentations can be found in this document.

Please note that all project documentation and the working system prototype is required to be submitted by Sunday 6th May 23:00. While this documentation will not be formally marked, it will be checked for consistency. Presentation content is expected to match the documentation and system prototype that was submitted. It is also expected that all feedback from previous iterations have been incorporated into the documentation. Refer to the "Project Documentation" section below for more details on project documentation.

Administration Details

- The dual screen presentations will run from the 7th May to the 17th May and will utilise all INFO3003 session during this period.
- The venue will be the IS lab
- Presentations sessions will be 30min per team and will follow the following format
    - Presentation: 20min
    - Feedback and Questions: 10min
- **All group members will need to be present for the presentation**
- **All class members must attend other team's presentations. Registers will be taken, and attendance and participation will count towards the engagement mark.**
- Make sure to check the rubric for the mark breakdown. The rubric will be made available two weeks before the deliverable deadline.

Presentation Content

The presentations should include the following content:

- Vision:
    - Brief client overview & business problem or opportunity
    - Summary of proposed system features and potential benefits
- Supplementary Specification:
    - Overview of potential reports.
        - These should include a description and mock-up design (e.g. should be mocked up using wireframes or storyboard etc. type formats)
    - Business rules
    - Software Architecture
        - Architecture model.

- Models:
  - Summary of use case set and model
  - Justifications of which use cases were fully dressed and implemented.
  - The 3 fully dressed use cases
  - All needed domain and design models including justifications and explanations.
    - E.g. Sequence diagrams, class diagram, state diagrams, etc.
  - Business process model incorporating the use cases.
    - Show links between the business process model and the use cases.
    - Can be modelled with BPMN or an Activity Diagram.
- Team Administration:
  - Justification of requirements gathering techniques.
  - Summary of contribution for this iteration (tasks and hours).
    - Summaries client contact time and sign off status.
    - Contrast with the plan established in iteration 1.
  - Plan for next iteration.
    - Timeline showing use cases to implement and work breakdown for iteration 3.
- System Prototype
  - Implemented system with at least two use cases.

System Prototype, Use Cases, and Models

The functionality of the system must be exhibited while the analysis models for that aspect of functionality are presented. Teams should expect questions surrounding system functionality and must keep the system open during the question session.

Implemented System

At least two (2) of the three (3) use cases need to be implemented in a Microsoft MVC based system by the end of this iteration. This system will be expected to be submitted with all other documentation at the end of this iteration. It will be presented during the presentation. Make sure to ensure consistency between the models and the system.

Project Documentation

Documents should be refined based off feedback from iteration 1 and continued requirements gathering. Consistency between documents needs to be maintained (E.g. Terms in the glossary must match the terms in the data model). Incorporation of feedback and consistency will be looked over during the presentation.

Elaboration 1 Submission Instructions

One member of each project team is required to submit each of the milestone documents to the Assignment tab on Wits-E. Please make sure you name your documents in the format outlined below. Documents that do not adhere to the naming conventions below, or are not submitted individually, will not be marked.

The naming convention must follow the following format.

- **Group[x]_[DocumentName]**
- **E.g. Group10_SupplementarySpecification**

Please make sure to submit your documents in a .docx or .pdf format. Documents not submitted on time will be penalised. If you have any issues with the submission, please send me an email.

Each team should submit the following documents.

- Use Case and Models (Version 2)
  - Include Domain and Design Models
- Vision (Version 2)
- Supplementary Specification (Version 2)
  - Include Reports and Architecture
- Glossary (Version 2)
- Team File for this iteration

Teams will also need to submit the system files. This must be done through a zipped folder that contains your MVC application.

I would advise that you try zipping and copying your application to another machine before submitting it to Wits-E. This way you can check if the application will open once copied. I will contact teams if there are any issues opening the applications.

All documents mentioned above must be professionally compiled and formatted. Spelling mistakes and inconsistencies will not be accepted. Marks will be negatively affected for documents that are not in a professional format. Please include references for any sources consulted (books, websites etc.). Plagiarism will not be tolerated.