

COIS 3030 Assignment I

Flight Sharing System

The first assignment is about assessing the feasibility of the project. Download the Request for Proposal (RFP) for the project from the blackboard. I will hold a Q&A session in class on Monday if you have any questions about this RFP. Your job is to scope out what the voting system would do and provide a feasibility assessment for building that system. At this stage, your job is to understand the business problem, not to gather the requirements.

During your research about the project, you are expected to carry out the following activities:

- Assess the business needs. What the Flight Sharing System wants to achieve?
- Who are the internal and the external stakeholders?
- Initial risk assessment.
- Feasibility assessment (Go/No Go decision).

Report your findings in a project proposal in a style that you would present to an employer saying why you should be doing this project.

You are going write up the proposal covering the following deliverables:

1. Give your company a cool name :-) 0 marks
2. Problem Statement (Purpose of the Project). 1 mark
3. Identification of the scope (draw a context diagram, and list the business events and their inputs/outputs). 3 marks
4. Identify the stakeholders. 2 marks
5. Identify the goals of the business problem. 2 marks
6. Identification of constraints. 1 marks
7. Naming Conventions (Terminology). 1 marks
8. Risk assessment. 2 marks
9. Size and complexity of the project. As I mentioned in class, you are not required to provide a cost assessment of the project in this assignment. However, in this assignment you should state whether it is feasible to deliver the product under the budget available in the request for proposal. To do so, you should use the work context diagram to: **(a) identify the business use cases, (b) draw a data model.** The business use cases and the data stored by the project should give you an idea about the size and complexity of the project, which will give you an idea if you can deliver the project under the stated budget. 1 mark for business use cases, 2 marks for the data model.
10. Go/No go decision. 0 marks.