

Proposal

INSO 4101: Introduction to Software Engineering

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Introduction

In this phase we want to develop the project proposal. Applying agile development we also want to make progress along various phases including domain description, requirements prescription, software design, and implementation. Also, we want to apply concepts discussed in class.

Details

To bring the different goals together

For the proposal, use the parts of the informative document to inform about your project which will consist of domain description, requirements prescription, software design, and implementation

To make progress along the various phases, include a descriptive and an analytic document part. In the descriptive part, include some initial description of

1. Descriptive Rough Domain Sketches
2. Descriptive Domain Narrative
3. Descriptive Domain Terminology
4. Domain Entities
5. Domain Functions The textbook suggests a function-oriented way to view this, you may choose a state-based view. If you choose to take the state-based view, make sure to identify all the state components that contribute information into the action and all the state components whose values are affected by the action.

6. Domain Events
7. Domain Behaviors
8. Domain Requirements
9. Interface Requirements
10. Machine Requirements
11. Software Architecture Design
12. Software Component Design
13. Selected Fragments of Implementation

none of these have to be complete in any sense, but there should be a start of each part. We want an outline with some "meat on the bones". Similarly, in the analytic part include starts of

1. Concept Analysis of Descriptions from the part above
2. Validation
3. Verification

Roles

Describe the roles and responsibilities the team members have taken on.