

CS361 Lab 3:

Capturing Requirements

Goal

Analyze the requirements to produce a Use Case model, domain model and scenarios for the upcoming sprints and a Sprint plan for Sprint 1.

Description

1. Create a Use Case model for the requirements as currently specified in the Chronotimer document. You may find that there are a number of questions that need to be answered about features and constraints.
2. Create a domain model for the system that captures the key abstractions of the Chronotimer system and simulator and their relationships.
3. Describe two scenarios of your choosing that involve the abstractions from the domain model (but not design model).
4. Create a Sprint Plan for Sprint 1 by creating a backlog of stories that you intend to complete for Sprint 1.

Deliverables

1. (10 pts) The Use Case Model should be delivered as a PDF document.
2. (10 pts) The Domain Model should be captured as a graphical document exported to PDF.
3. (10 pts) The scenarios may be graphical and/or textual delivered as a PDF document.
4. (20 pts) The Sprint Plan should be delivered as a text document in PDF form, created with Word or Excel or similar.

Submission

Submit your completed artifacts as four separate documents as a group to D2L.