

CS-489
Analysis Phase I
Document Preparation

Date Due: Tuesday, September 19, 2000

The following is a suggested outline of topics to be included in the Analysis document for Phase I, to be prepared by each project team in CS-489. Remember that your audience for this paper is not just myself, but any other developer that may wish to follow your group's progress.

Title Page

Names of Team members
Date
Project Title, etc.

Abstract

A single-spaced paragraph, centered on the page, that summarizes the contents of the document. Include any key words or phrases that will tell the reader if he/she wants to continue to read your paper.

Table of Contents

Most Word processors can generate one of these automatically, if necessary.

Introduction

Summarize the project here. Inform the reader of any background material that must be understood to proceed with the reading (like knowledge of C/C++ or Java languages). State up front, any assumptions being made by the project team.

Specifications

This is the heart of the report. Each element of the project must be covered by a *use case*. There should be a narrative description of everything contained in the report. Don't just expect a report generated automatically by ROSE to be sufficient (they are not!). Each part of the report that is generated by ROSE should be gone over by the group and only the pertinent parts of the report generation should be included in your document. Describe any relevant information not contained in the use case descriptions. Make sure to *expand* the *essential* use cases for development cycle I. Describe the *high-level* use cases for all of the development cycles, regardless of which development cycle they will appear. As a bonus, try to integrate your use case work with ROSE into RequisitePro (the documentation says this can be done).

Development Plan

The development plan will need to specify which use cases are assigned to which development cycles. It should state the criteria for assigning use cases to development cycles. It should also identify resources needed for the development effort, and assign tasks to project members for each step of the development effort. Ideally, a time line diagram that shows the activities planned for each team member is desired. Since ROSE does not have Gantt chart features, describe the proposed schedule in a text description.

Testing

In general, list the acceptance criteria that will need to be demonstrated in order to know when a development cycle has been completed. Also identify test cases that will be used to know that the software developed in this cycle has met all the expected requirements for this phase of the project. When we get to the testing phase, we'll actually run the test cases and report the results in a test plan document.

Reference

List all reference material used in your project. Be sure to credit all sources, and indicate what work, presented in your report, belongs to others outside your team.

Appendix

Any applicable source code listings or generated reports that are not part of the body of your report can be summarized here.