

CS490/CS690

Draft Specification

Due: September 25th, 2015

This presentation is based on the materials prepared by Prof. Engle.

Project Specification

- Describes the expected functionality
- Will be shared with the sponsor
- Informal contract between you and your sponsor regarding the deliverables

Project Specification

- 10-15 pages
 - in 10 to 12 point font with 1 inch margins
- Professionally written
 - With proper grammar and punctuation
- 5% of the total grade

Title Page

- The title of the project
- The names of the team members
- The name of the sponsor (and company)

Sections

- Project Overview
- Project Requirements
- Project Design
- Project Timeline

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Project Overview

- A high-level description of the project
- About one page (3-4 paragraphs minimum)

Project Overview

- Introduce the problem you are trying solve
- Provide motivation for the project
- Describe the intended users and how your software will help them
- Give a high level summary of what the software will do
- Compare your project to related work/ related products etc..

Sections

- Project Overview
- **Project Requirements**
- Project Design
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Project Requirements

- The core functionality of the project
 - What you definitely need to complete by the end of the semester
- The extra functionality of your project
 - What will be completed only if there is time
- How will users interact with your project?

Project Requirements

- If relevant:
 - Describe performance requirements
 - Describe important quality attributes (performance, usability, security, ...)

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Project Design

- Describe all of the components of your project
 - What team member will be responsible for each
- Mention Languages, tools, etc..
- Use diagrams to illustrate the approach

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Project Timeline

- A table of milestones
- A timeline by which you plan to reach the milestones
- Include the following deadlines:
 - Midterm presentation
 - Final presentation
 - CS night (poster presentation)

Project Timeline

- Break your project into achievable milestones
- Match a given Week of the semester to how much functionality should be completed by then
 - Example: Week 8 – the project should be 50% functional (explain what it means!)

Due Date

- Project Specification Due: September 25th

Draft Specification

- Get the feedback from your sponsor and from the instructor
- Recommended Book: Elements of Style by White & Strunk

Announcements

- Prof. Nicole Nguyen, School of Management
 - The possibility of collaboration
- Course schedule on Canvas – check Calendar
- This Friday: brief meetings with each team
- Status Review #1 next week

Status Review #1

- Monday and Wednesday next week
- Sign up for a time slot
 - Use Schedule on Canvas
 - One 30 min time slot **per team**
 - Make sure the whole team can attend

Status Review #1

- Bring a laptop
- Come prepared
 - Show what you did so far
 - Explain how the work is split
 - If going over tutorials, show examples / links to tutorials
 - Should have met the sponsor ~2 times