
Exercise Introduction

Your friendly assistant

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Chair of Programming Methodology

1. Project
2. Deliverables
3. Expectations
4. Groups

INTRODUCTION

Project

- The project will reflect the material learned during the lecture and exercises.
- Ungraded, but must be completed **successfully** to be admitted to the exam.
- Must be done in **teams of three people**.
- If you obtain
 - **50% of the total number of points** and
 - **25% of the points for each of the five deliverables**you will be admitted to the exam.

Project Content

- Topic: a chat room application
- Covered software engineering aspects:
 - Requirements Elicitation
 - Analysis
 - System Design
 - Detailed Design
 - Testing

Exercise Session Structure

- *Goal:* Show you the tools of the trade and give you a chance to use them.
- *First 2 hours:*
 - Presentations/Demos of Software Engineering tools and techniques
 - Hands-on exercises
- *Last hour:*
 - Project supervision session (discussions, questions, help, etc.)

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INTRODUCTION

Deliverables

- The project will be realized over the course of the semester by deliverables.
- The deliverables capture important stages of software engineering.
- Every deliverable must also include a **short presentation (10 min.)** of your deliverable.
- You get a number of points for completing each deliverable.
- If your deliverable is **not satisfactory**, you need to continue the project based on a solution provided by us.

Deliverables — Timeline

Task	Handout	Submission	Student presentation & Feedback
Requirements Elicitation	27.02.2011	13.03.2011	following exercise session
Analysis	13.03.2011	20.03.2011	following exercise session
System Design	20.03.2011	03.04.2011	following exercise session
Detailed Design	03.04.2011	24.04.2011	following exercise session
Testing	24.04.2011	15.05.2011	following exercise session

Warnings/Advice

- The deliverables require a substantial amount of work.
 - **Share the workload!**
 - **Work as a team!**
- Don't start working on the deliverable the day before the deadline.
- Don't make assumptions! If a task is not clear or ambiguous, **ask your client (assistant)**.
- Knowledge acquired during the project is **essential for passing the exam**.

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INTRODUCTION

Expectations

- The deliverables are checked for **completeness, consistency, quality, correctness, scope**, to name a few.
- You need to communicate with **your** client (assistant) to **find out what he wants**.

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INTRODUCTION

Groups

- Three people per group
- Group members need to be in the same exercise session.
- Once you have formed your group:
 1. Decide on a **unique group name**.
 2. Send an **email to your assistant** with the name of the group, the list of group members and their email addresses.
- Use the header "[KSE-<group name>] <subject>" when emailing your assistant, for example:
 - [KSE-SuperGroup] Help us please!

Next week

- **Topic: Requirements Elicitation**
- **Homework:**
 - Read the **slides on requirements elicitation**.
 - Read the first **project assignment**.
 - Start thinking about **scenarios, use-cases and non-functional requirements**.
 - Think about what you need to discuss with your client.

Any questions?