Software Engineering

Exercise Introduction

Your friendly assistant

Chair of Programming Methodology

Spring Semester 2009

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

1. Introduction

1.1 Project
1.2 Deliverables
1.3 Expectations
1.4 Groups

Project

- The project will reflect the material learned during the lecture and exercises.
- You will have to **successfully** complete the project to pass the course
- The project will capture the important aspects of software engineering
  - Requirements and Analysis
  - Object and System Design
  - Implementation and Testing

In-flight entertainment (IFE)

- The idea of the project is to develop an in-flight entertainment system.

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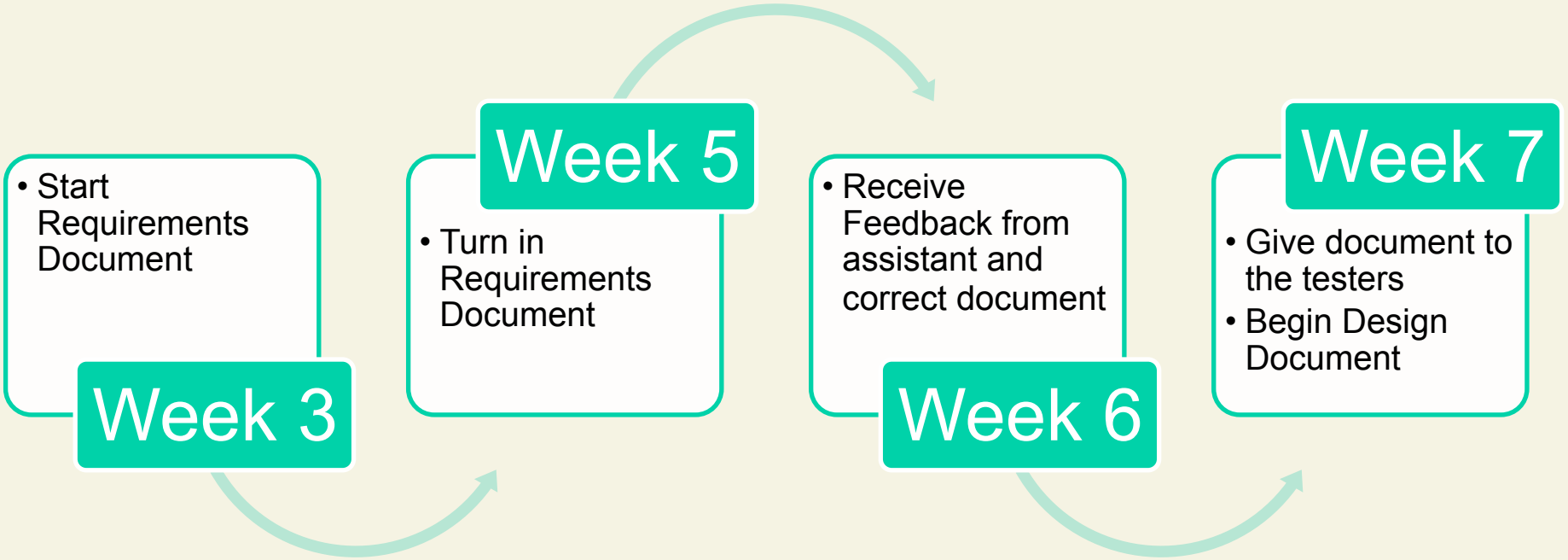
Deliverables

- The project will be realized over the course of the semester by deliverables
- The deliverables are meant to capture the important stages of software engineering
- Every deliverable must also include a short presentation (15 min.) discussing your deliverable
  - 2 groups will be chosen to present for every deliverable
- For each deliverable there will be a feedback period and a correction period
  - You must incorporate the feedback from your assistant

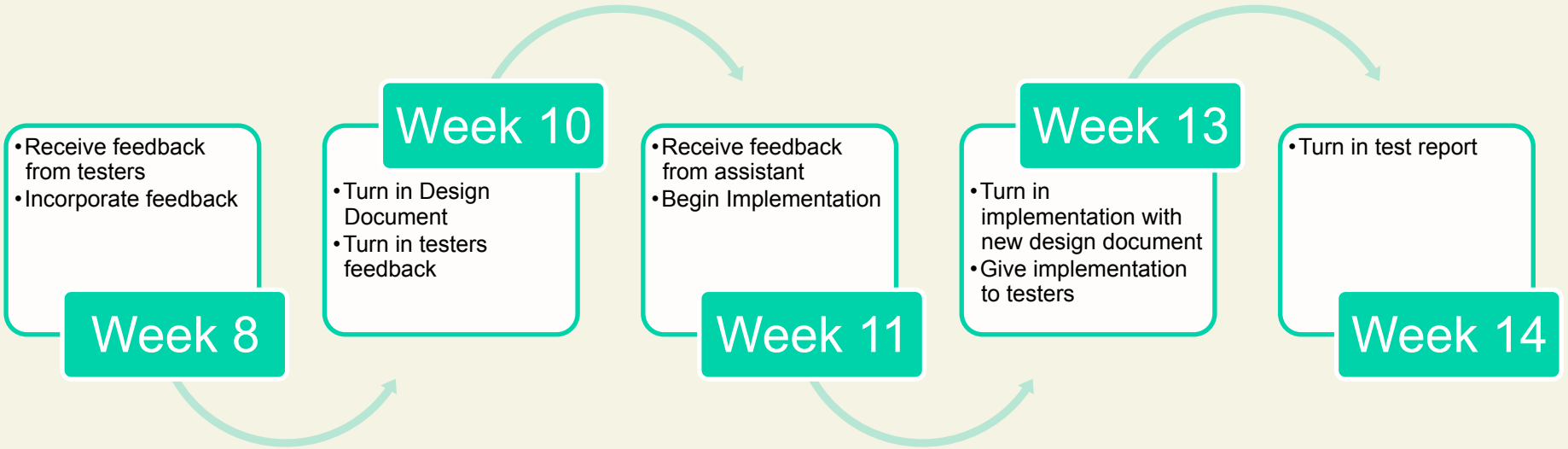
Deliverables

- The first deliverable will be the requirements document
- We will cover this more in the following week, however, you can begin to study the competition
  - Hint: Google, Wikipedia, Yahoo with keywords like "In-Flight Entertainment"
- Each deliverable requires substantial amount of work
  - Be prepared to work hard for this course!

Deliverables - Timeline (part 1)



Deliverables - Timeline (part 2)



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Expectations

- Every state of the project must be completed to the satisfaction of the assistant
  - Be prepared for the possibility of reworking your solution
- The project is not graded, but checked for completeness, consistency, quality, correctness, scope, to name a few
- Required to take the exam
  - The exam is the only grade you will receive in this course
  - However, success in the project will be necessary for success in the exam

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Groups

- The project must be done in groups of 3 or 4 people
  - All people in the group must be in the same exercise session, **no exceptions!**
- Any group issues must be addressed **immediatly**
  - There will be no discussion about group issues after the deliverable has been turned in

Groups

- Once you have formed your group
  - Decide on a unique group name
  - Send an email to your assistant with the list of group members and the name of the group
- Use the header "[KSE-<groupname>] subject" when emailing your assistant, for example:
  - [KSE-SuperGroup] Help us please!
- Any Questions?