



University College Dublin
An Coláiste Ollscoile Baile átha Cliath

COMP3030J Software Engineering Project

Lecture 10

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UCD School of Computer Science

Ranked  1 in Ireland, according to QS World University Rankings 2017



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Overview

Project Plan

Documentation



Moodle Enrolment

- <https://csmoodle.ucd.ie>
Log in with your UCD username and password
- Find COMP3030J Software Engineering Project 2019-20
- Enrolment key: COMP3030J2020



Assessment

- **Continuous Assessment/Assignment: 100%**
 - **Teamwork: 25%**
 - **Written Reports (Overleaf): 25%**
 - **Presentation video: 25%**
 - **Software testing: 25%**
 - See “UCD Module Grade Descriptors” and “Presentation Demonstration Grading Band Descriptors” on Moodle for more details on grading



Plan for the rest of the Semester

- Week 10 – Continue developing your solution
- Week 11 – First draft of System and User documents ready.
Upload to Moodle by May 8 at 23:59 Irish time
 - These are two separate documents
 - The **System document** describes the overall system, the solution, the design, the plan, the process, teamwork, etc.
 - The **User document** describes how a user can use the system
 - Users are either customers or employees
 - **pdf only. ONE student per group submits. Filenames:**
 <group_number>_user_draft.pdf *and*
 <group_number>_system_draft.pdf
 - e.g. group 14: 14_user_draft.pdf and 14_system_draft.pdf



Plan for the rest of the Semester

- Week 12 – Peer user testing (details in week 11)
- **You must share you User and System documents so that they can be reviewed during the testing**
- Your group will be reviewed by two other groups and you will review two groups
- You will read their documentation and test their systems
- You will be given two forms to provide feedback to the groups you test. One for user, one for system.
- The point of this is two-fold
 - To make your project better
 - To develop your analytical and communications skills
- You will not look at code - only test the system, and user features.



Plan for the rest of the Semester

- Week 12 – Peer user testing (details in week 11)
- **You need to figure out how to make your system available for testing. For instance, you might need to make a "test" user account with a "test" password. You might need to supply two accounts - customer and employee. This should be in your user documentation.**
- Your TAs will have more information on this process and can help.
- Your group selects a test approach
 - You can research testing approaches online. Your form will have a space where you describe your approach.
- You can't steal ideas from other groups. The only improvements you can make are due to the peer review process.
- We will check your final documents against those already handed in (and against your peer feedback) to make sure!



Plan for the rest of the Semester

- Week 13 - 15 – Fix problems that were identified during testing
- Update documentation
- **Highlight in red font that changes that you have made to your documentation in response to the user testing**
- Deadline for final documentation and presentation submission – Friday Week 15 (June 5th Midnight Irish time)
- **pdf only. ONE student per group submits - same student that submitted draft documents. Filenames:**
<group_number>_user_final.pdf *and*
<group_number>_system_final.pdf
- e.g. group 14: 14_user_final.pdf and 14_system_final.pdf



- Final Documentation will be checked with the UCD Urkund Plagiarism Checker. When you submit you will receive a "score" from the system. It is normal to have **some** similarity. This is ok. But the score should not be very high. You should aim for less than 20.
- You should submit EARLY. You can always resubmit later. New submissions overwrite older submissions.



Documentation

■ System Document

- Approx 20 pages
- You can decide details of format. Should be something like:
 - Abstract (1 page max)
 - Introduction (2 page max) - what does your system do, how did you plan it, etc.
 - Groupwork (3-4 pages) - how did your team work together to achieve your goals? Problems? Solutions?
 - Several more sections on technical implementation. (10-12 pages approx.) For instance one section on user, one section on employee. OR maybe one section on front end, one section on back end. Up to you!
 - Conclusion (1 page max)



Documentation

- User Document
 - Approx 10 pages
 - Two main sections: How to use the system as customer, and employee



FINAL Documentation (User and System) due Week 15.

- Your *drafts* do not need to be quite as long as the two slides above, and do not need to be perfect. They are drafts. They DO need to be usable for the groups that will do the testing.
- The groupwork section is not needed for testing, so that can be blank for the draft. But you should have a 'placeholder' there.
- You DO need to have some details in for all of your features.