CS4501 CS4502 CS4503 Final Year Project

Information Session

UCC - School of Computer Science & IT

Organisation

- All students must have agreed on a **project** and an academic **supervisor**.

- You are supposed to work **independently**. The school does not provide step by step instructions.

- **Regular meetings** with your supervisor.

- Multiple deliverables, **Final Project Report** is most important

- **Open Day**

Key Dates (all still to be confirmed)

- **October 18, 2021**: All students must have a FYP assigned

- **November 3, 2021**: Outline Document due

- **March 9, 2022**: Extended Abstract due

- **April 6, 2022**: Open Day

- **April 25, 2022**: Project Report due

Grading

- Please be aware of the [module specifications for CS4501](#).

- Work submitted more than **14 days late** results in **zero marks**.

- Total marks: **300**

- No written examination and therefore **no Autumn examination for repeating**.

- The *primary* deliverable which will be graded is your **project report**! Supervisor, 2nd Reader, Exam Board and External Examiner are involved in the grading process.

Online Project System

- Create an account at https://project.cs.ucc.ie

- Use ucc mail address as user ID

- Subscribe to **BSc** projects and add Student ID (check help texts)

- Browse Projects

- Agree with Supervisor on one project

FYP Proposals by Students

- E.g. projects ideas developed during work placement

- **Important**: Report must be accessible to all UCC examiners

- **Important**: Report must comply with UCC writing guidelines

If all of the above is fine then:

- Write your own FYP proposal in https://project.cs.ucc.ie/

- Approach a lecturer to "adopt" your project

- From then on, the process is identical to FYPs suggested by lecturers

Deliverable - Outline Document

- Essentially, you should **state** the given problem in **your own words**.

- One page. Marking is pass or fail.

Deliverable - Extended Abstract

- About five pages. Marking is pass or fail.

- The content is a **summary** of your work. This could become (with some modifications) a section of your final report.

Deliverable - Project Report

Example for good structure (subsections not shown):

1. Analysis (no code yet)

2. Design (no code yet)

3. Implementation (3rd party packages, code, program layout..)

4. Testing

5. Appendix

DOCUMENT EVERY STEP!

Technical Writing

- Proper **citations**. Identify **all 3rd party sources**.

- Be clear and concise.

- **Avoid colloquial** language (2nd person, informal phrases etc).

- Charts, tables, figures etc must have **captions** and be properly **referenced** in the text. Use proper **labels**.

Technical Writing - Compare

When you look at that figure a few pages above, you will surely notice that we still have a problem when doing things this way.

The requirement of some full duplex communication method between these two peers lead to an implementation based on HTML5 websockets.

Our design so far does still not comply with the specification shown in Figure 2.3.

Websockets are extremely powerful. There is an awful lot of stuff which can be achieved with them. Furthermore, websockets suit our purpose perfectly.

Technical writing (continued)

More things to avoid:

- Bitmap files for diagrams

- Captions included in image or diagram files

- Rephrased text from the WWW

Questions?