

COMP4021
Internet Computing

Course Project Proposal

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- There are many hundreds of web technologies
- There's no way we can look at them all
- We need to have a compromise between breadth (how many) and depth (how deep)

Reminder

Course Marks

Reminder

- You need to hand in 3 labs, $3 * 10\% = 30\%$
- There will be a midterm 30%
- There will be a course project 40%
- Any question points you get are added on top of these marks

Course Project (40%)

Reminder

- You need to work on a course project
- This can be a group (2 or 3) or a single person project
- You can propose almost anything
- I need to approve your proposal
- A great advantage of the project is that you can use it to explore what you are interested in
- More details will be given later

Solo or Group Project

- So: 3 members is the maximum
- Be careful! More people does not always make a better result, sometimes it makes a worse result!
- Simply speaking, a 3 person group should be 3 times better than a 1 person group

What Can You Do For the Course Project?

- You can propose almost anything!
- Some ideas will be mentioned later, in another week

First Step: Submit Proposal (8%)

- First you need to submit your project proposal
- The main point of this is to encourage you to really think about the project and plan ahead, and give Prof. Rossiter a chance to check what you are thinking
- 8% of the 40% is for writing and submitting a **clear and complete** proposal
- When reading your proposal Prof. Rossiter has to clearly understand what you're thinking of doing!
- If you are clear, complete and understandable you'll get 8%

Submitting the Proposal

- The deadline for submitting the proposal is not yet fixed
- After your proposal is submitted Prof. Rossiter will give feedback
- It may take him a few days to give you feedback


Don't Submit Your Proposal Late!

- If you don't submit **clear and complete** information before the proposal deadline you get -1% penalty (out of the 8%) for each 12 hours late (including any part of 12 hours)
- For example: 1 second late is -1%,
12 hours and 1 second late is -2%,
25 hours late is -3%, and so on up to a maximum of -8%

Submitting Your Proposal (8%)

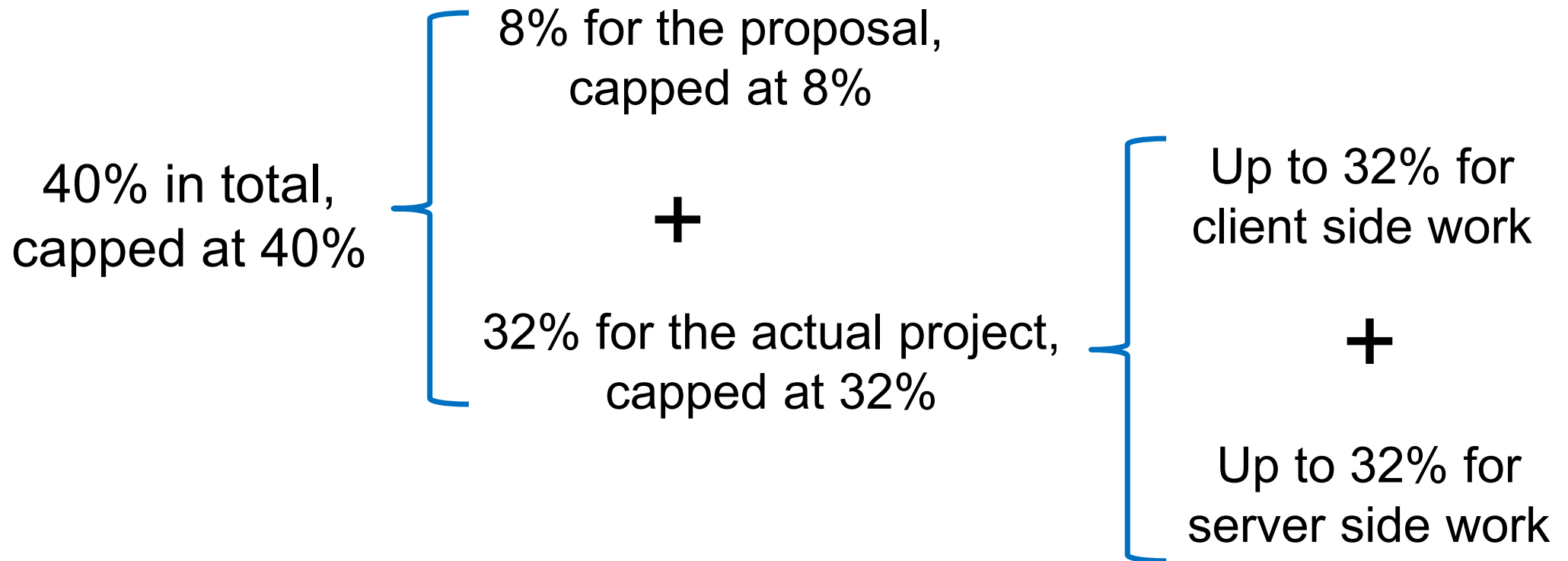
- Later you will submit your proposal using a web page
- Probably these are the things you need to submit:

1. The ITSC emails of all group members
2. A list of what is planned for your course project
 - Introduction/overview of your project
 - What will be in the client (the browser)
 - What will be in the server, if any
 - Interaction between browser and server, if any
 - Any other related information




The proposal submission page is not ready yet, it won't be released until 2-3 weeks later

Course Project Marks




Marking of Project Components

- Something: 1 to 11 marks
 - Reasonable: 12 to 17 marks
 - Good: 18 to 23 marks
 - Very good: 24 to 29 marks
 - Great: 30 to 32 marks
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- This applies twice:
 - to the client (=browser)
 - to the server

When You Submit The Final Project

- 1) Make a video showing your system
 - This would show what your system can do, to help the marking
- 2) Do a demonstration of your system
 - This would be a live demonstration of your system to Prof. Rossiter



You could do one or both of these, at the time you submit your work

Deadlines

- The deadline for submitting the course proposal is not fixed yet – it will be a few weeks later
- The deadline for submitting the final finished course project work is not fixed yet - it will be around the last teaching week
- When you submit your final project at the end of semester you will also have to supply a list of the things you have done for it

Some Frequently Asked Questions (FAQ)

- Q: Do I **have** to do something on the server?
I only want to do browser things.
- A: You can have a project which is browser programming only, see earlier slides

Some FAQ

- Q: I want to do a phone app, can I do that?
- A: You can't do a typical phone app for this course i.e. you can't develop a Java project for Android or a Xcode/Swift project for iOS. Those skills are outside this course.

Some FAQ

- Q: Can I use other JavaScript libraries which are not used in the course?
- A: Sure, that's an excellent idea.
For example, if you want to you could use the D3.js graphics library to displays D3 graphics.

Some FAQ

- Q: Can I use my FYP or some other course work?
- A: No, you can't 'double count' other work for something else as well as for COMP4021.
But it might be possible to think of a project which is *complementary* to your FYP/other work, if you like.

Some FAQ

- Q: Can I extend one of the taught labs for my course project?
- A: Yes, you can. In your proposal you will need to clearly explain how you plan to extend it.

Some FAQ

- Q: I want to do something with C++ or some other non-web language, can I do that?
- A: That would be very unusual for this course. It might somehow be possible if you can justify it.

Some FAQ

- Q: If I don't do anything for the course project can I still pass the course?
- A: If you don't do the course project you will lose a huge part (40%) of the course points. You will automatically fail the course.