

COMP 3110 Introduction to Software Engineering
University of Windsor, School of Computer Science

Group Project (Fall 2020) Phase I

The goal of this project is to develop great ideas in real world applications. You can propose a project that you think is interesting and valuable.

Project Progress Steps

Form Teams and Communication: (Sep 16)

This is an important initial step in this course. The project needs to be developed by a group of 5 students (Mandatory). A group of 4 members is acceptable in an unexpected scenario. All members of a group will receive the same grade on group work. Therefore, it is in your interest to choose other group members who have the same goal in the class as you do. We will closely monitor the contribution of each member to their group project.

Team members should ensure that all tasks are completed effectively; for example, when a teammate is giving a presentation, give constructive feedback to improve it. Your scores on group work may be adjusted based on your contribution. You should follow the following steps to sign up a team.

Step 1: You have to sign up for the group on Black board.

Group Project (Menu) → Signup Teams

If you already knew your team member, signup everyone into same group. If you don't know your classmates yet, you can use MS teams (COMP3110-1-R-2020F) to discuss and find team members. Then signup your group in BB.

You also get help from GAs/TAs to find team members.

Step 2: Create a chat group in MS teams with your team members. If you don't know how to do, get help from GAs/TAs. It will allow you to communicate (chat, call, presentation and share your work to discuss with other members) easily.

Project Proposal (Sep 23)

I assume that you already signed up your group in BB. Always the group assignments should be submitted by only one partner.

You can propose a project that you think is interesting and valuable. There is no restriction in terms of topic (Make up a short, **catchy title** for your project), platform (e.g. web, mobile) or programming language, but there are some guidelines:

Focus on value to the user.

Ideally, you will build a product that you will actually use.

Be realistic - Think of a project you can actually complete (you will have limited timeline).

Submission:

You will produce the following two deliverables, and submit them on BB:

1. a single page document (absolutely no more than 5 min read), and
2. a URL of a video presentation (use of 1-4 slides) for 3 minutes.

Your description should include the following:

- What are you going to build? or what problem are you going to solve?
- Who will be using your product? Or who would benefit mostly from your product? And why?
- What is your proposed approach? (If you already imagine the user interface of your system, you can use mockups, storyboards or wireframes to explain your system)
- You should discuss the tools and technologies that can be used to build this application. (you can change later if you want)

Keep in mind that you will have a chance to fine tune your idea during the first phase of the project (**Oct 7**). You can also consider feedbacks from your classmates and mentor to modify your idea.

The presentation video:

You have to create a video of your proposal to the class. You will use a presentation slides to present on a video recording. One of your group members can do. You will have a time limit of 3 minutes, strictly enforced. Taking less than the time limit is perfectly fine. Padding out your presentation to run down the clock is not acceptable. Don't waste anyone's time.

You should consider the following when you create the slide and video.

Presentation Slides:

Don't use small or hard-to-read fonts or colors in slides.

Don't use background images, or design elements on the slide. The slides should be simple and readable.

Don't read from a script when you create the video. If you need a script, you don't know your material well enough.

Don't sound bored.

Use color effectively. Especially if you have a lot of text (which is a problem already) then it is good to highlight the key points to draw the reader's eye and indicate what really matters about the slide. Too many presentations use only black text.

Video:

I recommend you to record a compatible video from content displayed on your computer screen and voice recorded, is to record the presentation using Zoom, available to users on most platforms and in most countries. Instructions for recording your presentation with Zoom: <https://ieeetv.ieee.org/mobile/video/recording-your-presentation-with-zoom>

When you record,

Select a room or place where you will NOT be distracted while you record.

Try to avoid any sound distractions in the room where you record; avoid background music, sounds from roads, sounds from other rooms.

Also turn off the sound and notifications on your phone and computer.

Having a dedicated microphone will make you sound a thousand times better.

If possible, please do NOT use the built-in Laptop Microphone!

You do NOT need to buy an expensive microphone. Any headset microphone, USB microphone or Lavalier mic will work.

Check your final video with your team members and mentor before you upload.

Feedback to the proposal: (Individual score 2) (Sep 30)

All the presentation videos will be available to listen by the class. Listen attentively to the other presentations. I will create a discussion thread to each presentation title on BB Discussion Board. Each student should participate and give **constructive feedback** to others proposal. A student should at least participate in two proposal discussions. In which, student should write.

- Do you like this project? If so, why? If not, why?

- If you do the project that you are reviewing, will you approach it in a different way? If so, what is it? If not, why their approach is best?
- If you have any other comments or suggestions, welcome to provide.

Mentor:

Your group will get a mentor, TA or GA. He or She will assist you through out the semester. They will report me about the progress of the project and contribution of each members.

You will meet with a TA for 15 minutes. You may schedule additional meetings or use your TA's office hours. The course staff serves as both customer and mentor. When you have a meeting with your TA, you are allowed to ask the TA to serve any of these roles, or even to switch roles during the meeting.

- As customer, the TA can help you to determine what a reasonable set of requirements are, and whether your documents and prototypes are compelling.
- As mentor, the TA can help you to resolve conflicts or give suggestions about designs, teamwork, and tools.

Refining your Idea: (till Oct 7)

You will have a chance to fine tune your idea during the first phase of the project (Oct 7). You can also consider feedbacks from your classmates or mentor to modify your idea.

Evaluation:

The evaluation will be based on presentation and content.