

Team: C01 Bird Course



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Team Goals	3
Team Strengths	3
Team Composition	4
Zhongyang Xia	5
Jonathan Yeung	5
Xiang Li	6
Xu Dong Li	6
Michelle Pasquill	7
Team Agreement	8
Methods of Communication	8
Communication Response Times	8
Regular Meeting Times	8
Meeting Attendance	8
Running Meetings	8
Meeting Preparation	8
Version Control	9
Division of Work	9
Submitting Work	9
Contingency Planning	9

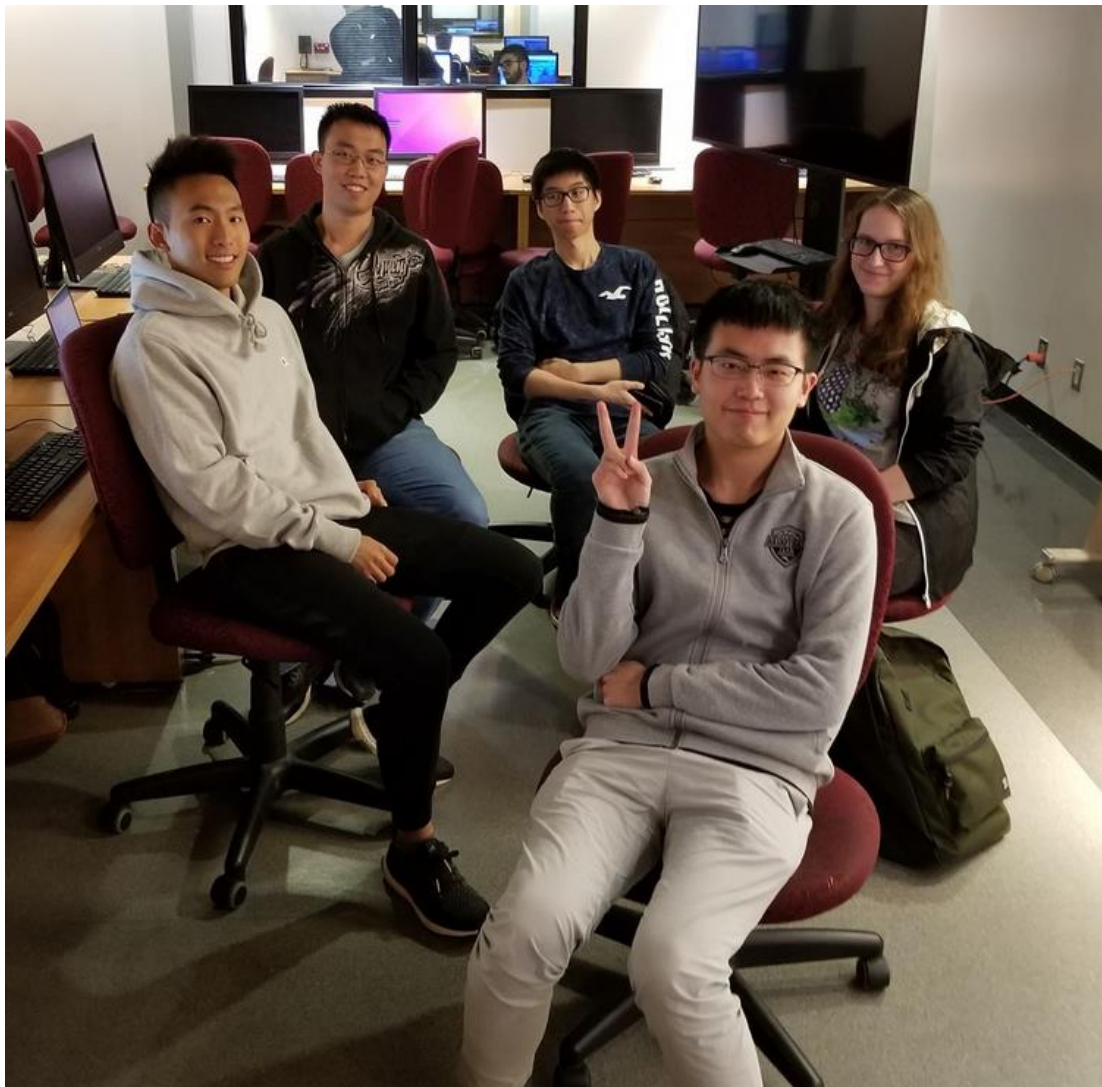
Team Goals

As a team, our goal is to provide the client a usable software tool that fulfils their requirements. Furthermore, we want to apply the skills that we learned to a real-life problem and develop software as people do according to industry-standards. Working as a software development team, we want to improve and develop our skills in software development as well as in Agile development and teamwork. We believe that in this project we will learn more about our strengths and weaknesses as computer science students.

Team Strengths

Based on most of our previous work experiences and/or coursework, we believe our greatest strengths as a team are web development and backend development. As third/fourth year students at UTSC, we are extremely comfortable with Python and Java. Additionally, many of us have spent our co-op terms doing some form of web development or work with databases. With these skills combined, we believe that our team is well-equipped for building the system the user asks of us.

Team Composition



Zhongyang Xia



I am a 3rd year student, specialist in CS, software engineering stream. I was a TA for B20, just completed my first co-op work term at Bilibili and plan to spend my second work term at Google in 2019 winter. Experienced in full-stack development, including front-end (mostly Vue.js) and backend (OpenResty, Tornado or Node.js). Know something about database, including SQL databases like MySQL and noSQL databases like ElasticSearch (this one is my favorite) and Redis. We will be the best team ever and we will deliver the best software to our client.

Jonathan Yeung



I am a 4th year computer science student specializing in the Software Engineering stream. I am back in school now for my final year after having completed 3 co-op terms. I worked at RBC for two work terms as a QA Analyst and as a Full-Stack Developer. My last work term was for 8 months at Defence Research and Development Canada where I worked as a Software Developer. Through my time working as a co-op student, I have gained relevant experience in Agile development as well as in frontend/backend development. In the future, I hope to work for a technology company as a Software Engineer to write and design good software of the future. I am looking forward to working with the rest of my team, and hope to learn good software engineering practices through this project.

Xiang Li



I am in my fourth year at UTSC as a computer science student specializing in the Software Engineering stream. I have had co-op work terms at Financial Commission of Ontario and Maple Leaf Foods. During my work term, I learned many valuable technical skills such as web development, database management, and version control as well as interpersonal skills. I am a person who seeks challenge and loves solving problems both efficiently and quickly. Having built an entire website using git as a team, I can bring valuable git-related experiences to the team. I hope to learn good software engineering methods in this course and look forward to working with the team!

Xu Dong Li



I am a 3rd year computer science student specializing in software engineering stream. I am not in the coop program so I am less experienced than my other team members but will be open to try and learn from them. I know Python, Java and C. I am currently taking C43 and C10 so I will be understanding more about databases and better user interfaces which may help in our project. I am looking forward to working with the team and perhaps also learn more software developing skills from my team members to improve myself.

Michelle Pasquill



I am a 3rd year computer science student specializing in Software Engineering; in addition to this, I am completing a minor in French. I am in the computer science co-op program and I have completed two co-op terms with an eight month work term as an eLearning Multimedia Designer at Ontario Power Generation. During my work term I gained valuable experience with front end web development using HTML, CSS, Javascript, and JQuery. I also worked closely with clients to ensure the web applications I created for them were accurate and effective. Some additional work experience I have is with the creation and occasional maintenance of a website for a local business. I am proficient at using Java, Python, HTML, CSS, Javascript, and JQuery. Along with these, I am familiar with android application development, MySQL, and the language C. My goals for the future include gaining more experience with back end development and agile development.



Pictured above: The team sharing a meal together

Team Agreement

Methods of Communication

Discord, a flexible voice/text chat software, will be our primary means of communication. In the event of Discord going down, or other unforeseen events, we plan to use email as a backup option. Additionally, we will use a Trello board as a means of keeping track of work and progress of the team.

Communication Response Times

Once any team member posts a question for the team to respond to, we expect there to be a response within 3 hours, within reasonable time frames. This goes for Discord. For email, this time frame will be extended to a day.

Regular Meeting Times

The team shall have one mandatory meeting weekly – Mondays at 6pm. Additionally, we will meet with Brian, our TA, every Friday at 5pm. The team may also schedule a meeting after the TA meeting if required.

As needed, the team will schedule additional meetings if necessary; whether it be an online voice call or in-person, it will depend on the issue at hand as well as on our schedules.

Meeting Attendance

For the mandatory meetings, we expect the entire team to be there unless there is a valid reason for them not to be. For online voice calls, we will require all the members that are involved in the agenda of the meeting to be there; the attendance of the rest of the team will be optional.

Running Meetings

In person, meetings will occur in BV473 or IC406, or any other available computer lab. The minute taker will rotate each meeting. For the meetings, we will discuss the current status of our work, any outstanding issues/bugs, planning for the next sprint, as well as evaluating the current status of the project to see whether we are ahead of or behind schedule.

Meeting Preparation

For any given meeting, each team member is expected to give a status report on their current work, clarify commit messages, talk about outstanding issues/bugs, have things prepared to present that was previously agreed on prior to the meeting.

Version Control

The team will be using Git as our means of version control. All team members will adhere to the following rules: don't commit auto-generated files, don't commit code that does not compile, and to have meaningful commit messages that are clear.

Division of Work

The team will ensure each team member has equal work, of equal difficulty. The division of the work will cater towards our strengths. When possible, team members will be assigned to the type of work they are most familiar and experienced with. Trello will be used to keep track of the status of various tasks.

Submitting Work

Each team member will commit their own work. The aim is to finish each week's deliverables a day before the deadline; then, if possible, we will get together to review our work together before submitting.

Contingency Planning

In the event of a team member dropping the course, the first member to find out will report to the group immediately so the group can work around the issue. We will let our TA know of the group change and await further instructions. Any remaining work will be split amongst the remaining group members.

In the event of a team member not contributing or failing to finish their tasks, the group will confront the team member in question and try to identify the problem. If possible, the team will attempt to remedy the issue by working with that specific team member and trying to support them as a team. If the issue persists, the problem will be escalated to the TA.

In the event of suspected academic dishonesty, the team will report this as soon as possible. We will get together as a team and clarify whether or not the team as a whole believes there was academic dishonesty. If so, the team will immediately report this to the TA.