

# CSCC01 Introduction to Software Engineering

Project Deliverable 1



*Team 9 + 10*

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**Dennis Tismenko**  
**Abbas Rattansi**  
**Qi Lin**  
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## About Us



## Our Goals

As a team, we have set some specific goals that we would like to successfully accomplish for this project. These goals include developing our technical as well as interpersonal skills. Our focus for this project is developing the software by strongly adhering to the agile methodology with the use of various tools such as Trello and Slack. When creating this software, we want to develop our communication skills and accurately gather requirements from client interaction so that we can build a software that caters exactly towards the users' needs. Our main tool for this project will be Git, therefore, as a team we want to improve our ability to use all the tools Git offers efficiently and frequently. Furthermore, as a team, we want to ensure that we are constantly creating test cases for any feature we develop to improve the accuracy of our software. By the end of this software, we would hope to achieve all our goals in building a suitable software for our client that will satisfy all their needs and more.

## Strengths

Team (9+10) has a strong understanding on multiple programming languages such as Java, C, C#, Python and JavaScript. Everyone is fluent in their verbal and written

communication skills developed from working as a co-op student and academic projects. Majority of the group has completed real working experience as a Software developer Co-op student, and has developed software using the Agile methodology. Few of our group members have strong experience in programming with SQL databases such as Oracle, MySQL and SQLite, as well as NoSQL database such as MongoDB. Furthermore, all of our team members are excellent with building technology solutions and prototypes in an accelerated manner. Alongside our back-end development strengths, Team(9+10) is also knowledgeable of various front-end technologies and tools such as HTML, CSS and Bootstrap. With a combination of both back-end and front-end skills, we are certain that our team strengths will help us in building an amazing piece of software!



# Team Expectations Agreement

## Methods of communication

Slack will be our primary method of communication. We chose to go with slack as it allows us to integrate with Github and Trello, so that the whole team is up to date with each other's contributions and the state of our project. It also allows us to create various channels to organize the topics of our conversation.

### **For urgent matters/emergencies, text:**

Dennis Tismenko (647-975-3079)

Raya Farhadi (416-807-9262)

Qi Lin (647-895-0896)

Shruti Mistry (647-718-6816)

Abbas Rattansi (647-401-8796)

## Communication response times

Weekdays - Throughout working hours, please respond reasonably with 4-5 hours of being notified

Weekends - Within day

## Regular meeting times

Thursdays, 12-1pm BV473

Tuesdays 4-5pm BV473 (optional secondary meeting)

## Meeting attendance

Weekly meeting is mandatory (in person). Excused in case of illness. If you are ill, please let all of the team members know in Slack.

Max 3 meetings can be missed if there is a legitimate reason and the team is notified a day prior to the meeting in Slack. If 3 meetings are missed, see section on contingency planning.

## Running meetings

- See weekly meeting information
- Face-to-face meeting. Additional online meetings can be scheduled if necessary (with specific group members if not all are required to be present).
- Team members will take turns writing primary points of discussion (from meeting)
- Every 2 days (flexible near deadlines, more whenever necessary), stand-up meeting will take place on Slack

## **Meeting preparation**

- Show development progress (completed user stories), should have read Project Deliverable.
- Bring any discussion points or questions to team or any blocking issues

## **Version control**

Each feature will have its own branch (more branches can be created if it makes sense) . Under each branch, each team member will have their own branch. Only commit code that compiles. Have one person review/approve changes before merging.

- Start commit messages with keyword describing action (add/remove/refactor/fix/etc..)

## **Division of work**

- Taskboard will be stored on trello. User stories will have a weighting/points (agreed upon by team). Each team member may take on a user story to their liking (in moderation).

## **Submitting work**

A team member may commit to his/her own branch at anytime. Before merging to master branch (once ready), a team member must create a pull request to be approved by any other member.

## **Contingency planning**

In the cases where the team unanimously agree that a member has not been:

- Attending meetings sufficiently/communicating with the team
- Contributing to the project equally

the team should promptly seek help from the team TA or the instructor. It is important not to let such situations escalate. Also, user stories should be immediately returned (revoked from the individual) to the sprint stories.

# Personal Biographies

## Shruti Mistry



My name is Shruti Mistry. I am a third year computer science student, enrolled in the software engineering stream. From my previous co-op work term as a Software Developer for Tidal Migrations, I have gained real working experience of developing software using the Agile methodology. In addition, I worked closely in the development of Web API using Ruby on Rails. I also got to learn various tools and frameworks such as Jekyll, Docker, Postman, Curl and NodeJS to develop Web APIs. I also gained experience in HTML, CSS and Bootstrap, by creating various new websites for the company. Through academic and extra projects, I have experience with Java, Python, C, HTML and CSS. I am looking forward to sharing my knowledge as well as learning from others to develop this new software with my team!

## Dennis Tismenko



My name is Dennis Tismenko, and I am a third year Computer Science student specializing in Information Systems. Having written software in Java for nearly 5 years, I have developed a proficiency in full stack development in Java (SE 6-8 and EE). Additionally, I have significant experience writing code in Python – my personal favourite scripting language – C#, C, as well as web languages (HTML, CSS, JavaScript, TypeScript). To add to this, I am very knowledgeable in SQL databases (Oracle, MySQL, SQLite) and have some experience working with NoSQL databases (MongoDB). Most of my experiences can be attributed to my 12-month co-op work term at the Ministry of Health and Long-term care as a Software Developer and Systems Tester, and I continue to work with them now as a part-time software developer. Above all, I am extremely eager to utilize my experiences to help my team build an outstanding solution for our client.



## Abbas Rattansi



My name is Abbas Rattansi and I am currently a second year software engineering student. Through coursework and personal projects I've gained a deep understanding of many computer science principles and design patterns I hope to bring into this team. I have experience working in environments utilizing the agile methodology and many tools associated with Java, Python, JavaScript, C, HTML/CSS and C#. Being a programming instructor for Python and JavaScript, I've been able to learn problem solving skills from the perspectives of children and young adults, allowing me to see problems and solutions in multiple ways. I started coding in C# and since then have been growing my skill set. I hope to be able to learn from this project and continue building new skills, as well as sharing my current skills with the team!

## Qi Lin



My name is Qi Lin. I am currently enrolled to the computer science specialist: software engineering program. Through various academic projects, I developed a solid understanding on C, Java and Python programming language. As a co-op student, I gained some valuable experiences from my first work term. I have experienced with using MySQL, MongoDB for the web-based data management. In addition, I worked closely with the Microsoft Azure ecosystem and angular 5 frameworks to build a web hosted chatbot. I also joined the development team and gained a real working experience with the agile development methodology. For this exciting new project, I look forward to utilizing my knowledge on Java and agile methodology to support the team to achieve its goal.

## Raya Farhadi



My name is Raya Farhadi. I am a computer science major. I have 6 years of Java development experience. As well as experience with Python, C, JavaScript, HTML and CSS. I worked my first co-op term as a developer and quality analyst at the ministry of health. I gained a lot of experience with testing and different levels of testing in my first few months before moving into a development role where I was able to use my prior Java knowledge to work on a couple different in-house apps and gained some experience with two JavaScript frameworks, React and Angular, to create prototype web apps for future projects the ministry wanted to pursue. My time on the development team also gave me experience with agile development and I'm looking forward to using that knowledge alongside my knowledge of Java to help my team in the upcoming project.