Deliverable 0

(5 marks) Introduce the team: include the team name and a picture of the team. What are the team's goals in this project? What are your team's strengths?

Team Name: GoodbyeWorld!

**Team Picture:**

Teams Goals:

- Use agile methodologies and test driven development to contribute to an open source project
- Gain more experience working with existing services, tech stacks, and API's
- Deliver a project that gets merged into the open source contribution and achieves a great mark

Teams Strengths:

- Our knowledge in various programming languages will allow us to take on various different bugs and features to the project
- All of us have accomplished multiple co-op terms gaining a lot of knowledge in the real world will really help us prosper in this open source project.

(12 marks) Introduce the team members: for each member, include a picture and a (min) 150-word biography. A biography should describe you as a professional: think of how you would introduce yourself to a prospective employee.

Yathan Vidyananthan: I am currently in my fourth year studying Computer Science (Co-op) at the University of Toronto Scarborough where I am specializing in Software Engineering with a minor in Statistics. I have just finished a study abroad term at the University of Manchester in the UK, it was an awesome experience taking courses and living in a totally different cultural environment. Along with my 4 internships at SAP, IBM, CI Investments and Sun Life Financial, I am currently wrapping up my last semester of university excelling in network security and machine learning courses. In network security, we are excelling in different components including applied cryptography, network and computer security. I have done projects in C, where you implement different components of a simple file and version control system, developing programs to compute hash values to identify when files have changed, implement file trees to help with copying files over using multiple process and creating function that collaborate to copy files from the client to server computer. My strong work ethic as demonstrated in my past project along with all the programming skills and techniques acquired like object oriented programming, abstract data types and inheritance structures will help me prosper in my team.
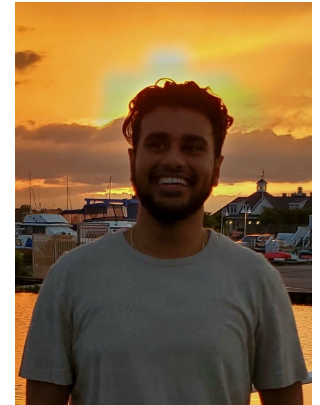
Ajay Rajendran: I am currently in my third year as a computer science software engineering specialist here in UTSC. I chose computer science as a career because I thoroughly enjoy applying my skills and knowledge to solve problems or create something new that has some sort of purpose or application. Software engineering has given me a platform where I can utilize what I have learned and create or develop something which can provide clear benefits to the people who use it. I have worked at two different locations for my co-op here at UTSC: CIBC and a startup called Tidal Migrations. In CIBC, I worked on multiple different projects, where I would assign and delegate work depending on the cost and available budget of each one. I had to understand the design requirements, available resources, allocated time, and complexity of each project before assigning the departments with what they had to do. In Tidal Migrations, I was working on creating multiple endpoints and tests for our product, which was a web-app that helps clients move their infrastructure to the cloud. It consisted of a very small team where we used TDD, reuse oriented, and agile methodologies to efficiently get polished results to the clients as soon as possible. In the past four years I have worked with languages such as Java, Python, Ruby, C, C#, Haskell, etc. and with frameworks such as React, and Ruby on Rails. I have also worked with cloud services such as AWS and GCP during my time at Tidal Migrations.

Jason Ku: I am a fourth year student at UTSC specializing in Software Engineering. As it is my last semester at UTSC before I graduate, I am looking forward to taking CSCD01 as it will prepare me for the real world. I am also looking forward to working with my group on an open source project which will undoubtedly be valuable to have on my resume and for personal experience. Previously, I had the chance to co-op at CIBC as well as a startup company, Index Exchange. I am confident in the following languages; C, Java, Python, and Haskell. I also have

experience in several DevOp technologies such as the ELK Stack, Ansible, and Kafka. With my experience and skill set, I am confident that I will be able to assist the group, allowing us to make significant and meaningful contributions to the project we decide to work on.

Thasitathan Sivakumaran: I am a fourth year computer science student at UTSC specializing in Software Engineering. I will be graduating at the end of this semester and pursuing full time employment as a software developer. Over the years I have learned a wide range of skills that I know will be very valuable once I enter the workplace. I have also completed 3 co-op work terms at in two different companies during my time at UTSC. In my first position I was working as a Quality Assurance Specialist at a company named Titus. This was my very first experience working in a professional environment and it really gave me an insight into what goes into developing and maintaining products for customers. For my second work term I worked as a Junior Systems Developer at Municipal Property Assessment Corporation. I learned so much during my time at MPAC, this was because I really learned how working as a developer in the real world was. There is so much more than just creating a program using a given layout, we need to work with so many other people. I really saw first hand how requirements can change whenever and we need to be flexible so that we can ensure we are delivering a product that will hold up to standards. I have worked with Java, Python, C, C#, SQL, mySQL, graphQL, Angular and React.

(2 marks) Share a meal: include a picture of all team members sharing a meal. You can have lunch, dinner, coffee-and-pastries, whatever, together — it's your choice.

(6 marks) Discuss every aspect of the team agreement in detail. Submit all your decisions.

- methods of communication (email, phone, messenger, text, . . .)
  - Facebook messenger for online communication
  - Discord for online meetings, video sharing, pair programming
- communication response times (email, phone, messenger, text, . . .)
  - 1 hour for online messaging during normal hours
- meeting attendance (when to meet, whether all meetings are mandatory, . . .)
  - Meeting in person every Thursday after lecture time
  - Online meetings on Saturday, Monday, Wednesday and if necessary will be done using discord online when needed
- running meetings (when, where, face-to-face vs. online, who takes minutes, . . .)
  - Mostly online meetings, this will allow us to do pair programming and bug fixes
  - Thursday meetings will be used to finalize deliverables and get everything wrapped up weekly
- meeting preparation (whether preparation is needed, what to prepare, . . .)
  - Finish sprint deliverables assigned for that week
  - Discuss blockers on work done, and be ready to plan for the week after
- version control (what to/not to commit, content of log messages, . . .)
  - Code that has not been peer reviewed and tested will not be merged into master
  - Merge requests are made for commits to master, after being approved and reviewed by other group members
- division of work (how to divide work, who will decide who does what, . . .)
  - Work will be divided every Thursday during sprint planning
  - Division of work is not restricted and each member is able to work on every aspect of the project
- submitting deliverables (when to submit, who will submit, who will review the submission, . . .)
  - All group members are allowed to approve merge requests, but only one is required to approve the merge
  - Yathan will submit the work and the rest will review the work. The work will be submitted either the day before or day of when it is due.
- contingency planning (what if a team member drops out, what if a team member consistently misses meetings, what if a team member is academically dishonest, ...) We suggest that in these cases, a team promptly seeks help from the instructor. It is important not to let such situations escalate.
  - If a group member drops the group will notify the instructor and continue to work with 3 members, if approved.
  - Any work that the individual was responsible will be delegated and divided appropriately to other group members

Signatures:

1. Yathan Vidyananthan
2. Ajay Rajendran
3. Jason Ku
4. Thasitathan Sivakumaran