Introduction

Team Name: Waterboys

Goals:
As a team we would like to help make a meaningful contribution to an open source project and get our pull requests accepted. We want this to be a great learning experience and be able to put something positive on our Resume after this course.

Strengths:
We have a team where each member has various development expertise with diverse backgrounds in different technologies and coop work term placements. This helps the team be well rounded and ready for the unique challenges that we will face as a group when contributing to an open source project.

Team Biography:

Weiqiang Zhang: Hi my name is Weiqiang. I'm a 4th year computer science - software engineering student. For my last internship I worked at myBlueprint for 16 months. I sharpened my skills in the web development field, by getting a deeper understanding of tools like React, .NET, and C#. First I was part of a waterfall process, developing onboarding features, a site tour feature, and a microsite. Later on at my internship we started to adapt to the agile process, where I was creating components for a completely new framework and designing its overall structure, while taking part in the weekly sprint planning meetings. In addition to technical abilities, I was able to pick up other useful skills that make a software engineer successful , such as public speaking for presenting ideas and features. In addition to that I learned how to write a formal email for ideal communication between teammates and managers. I developed a side project for myBlueprint where I created a web application that formats a YouTube link into the string to import into the main web application. This project shortens a day long process into a matter of seconds. Contributing to an open source project is something I haven't done yet, I'm very excited to be apart of this course!

Usman Siddiqui: Hi, I am a 4th year Computer Science - Software Engineering student at the University of Toronto Scarborough Campus. I like to do web development and make solutions to problems using code. I have done two co-op work terms where in my first coop work term I created automation tools using Java. I reduced manual labor costs by automating these tasks and helped the company save money overall. In my second coop work term, I worked in an agile team where we followed bi-weekly sprints with daily scrum standups. I worked on a web development project using Angular, Typescript and Sass. We had to meet with the clients to discuss the project and discussed if any changes were required to be made to the current version of the website. I have participated at UofTHacks IV where my team and I created a hand gesture to voice translation application for the mute. This was implemented in 48 hours and although the final product had some bugs we learned a lot working with the Motion Sensor API and the Amazon Echo. I enjoy learning new things and look forward to making my first open source contribution!

Hao (Frank) Xu: I am an innovative and curious 4th year software engineering student. I have had 3 years of professional experience doing both frontend and backend development for web and mobile applications. During my most recent PEY term, I worked on a workflow management solutions product. Given the client-facing aspect of the firm, we practiced agile software development to constantly keep up with the ever-changing demands of our customers. I designed and heavily contributed to the firm's core framework. Through this unique experience, I learned a lot about the keys to building a maintainable and robust framework architecture. I would say my most impressive achievement was improving the loading times of framework widgets by more than 30%. PEY aside, I have developed projects of different scales: ranging from small individual work to start-up apps with multiple frontends and a plethora of microservices. I am most familiar with Java, Python, and JavaScript. I have experience in ReactJS, both Android and iOS native frontends, as well as backend technologies such as ExpressJS, Django, MongoDB, PostgreSQL, GraphQL, etc. I hope to use my abilities to make significant contributions to an open source framework.

Rahmatullah Nikyar: Hi, my name is Rahm and I am a fourth year computer science student. I am just coming back from my 16 month internship at the ministry of education where I worked on re-engineering and developing an internal QA tool, and working on proof of concept projects related to natural language processing. During this time I was also working at the UofT School of Continuing Studies as assistant instructor for a data analysis and visualization certificate program. In my spare time I like to work on mainly web app based side projects, including a "Go" game practice app as well as a workplace Fire Alarm application with Microsoft Sharepoint integration. I am most familiar with the languages Python, R, and JavaScript, and comfortable with both SQL and NoSQL databases. I am very excited to use my skills to contribute to the open source community!

Tony Zeng: I am an inventive 4th year software engineering co-op student at UTSC. I have had 2 years of professional experience in the industry, interning for IBM and Amazon throughout my studies. During my most recent term, I worked on developing a potential customer feature for Amazon's cloud service, AWS. I utilized C#, T-SQL along with Common Language Runtime to create MVP, along with documentation explaining the design, potential problems, troubleshooting and scalability of my project. Throughout my internship, I was able to familiarize myself with large scale codebases and individual components and as well as to see how different design patterns such as singleton, factory designs were used in the industry. Aside from that, I have experience in Python, Java, Javascript, as well as some knowledge of React Native. At IBM, I mainly performed automation testing, as well as improving some of the existing internal testing tools in the company. I look forward to contributing to an open source framework with my development experiences!

Team Agreement:

Methods of communication: We will be using Facebook Messenger to talk between the team. There will be a group chat for general group communication and members can be directly messaged if the topic that needs to be discussed is only between them.
Communication response times: If a deadline that is discussed is approaching within 24 hours, we will set a maximum 2 hour response time.
Running meetings and attendance: Mandatory meetings will take place in IC lab 4th floor or through discord if everyone is not on campus weekly.
Meeting preparation: Be ready to discuss the parts that you worked on and whether the task was completed successfully. If you were stuck on a problem, show it in the meeting whether that be code or by drawing it out and explaining the issue.
Version control: We will use GitHub and make meaningful commits by grouping code that is relevant to the commit.
Division of work: We will have bi-weekly switch in who is the Scrum Master and they will be dividing up the work amongst the group or it will be a first come first serve for whoever dips on doing a task.
Submitting deliverables: The Scrum Master will be reviewing the submission at the end and ensure that it is submitted before the deadline.
Contingency planning: If a team member is consistently missing meetings or not doing work, they will be confronted with the group. If the problem is not solved, then this will be reflected on their peer review or worst case brought up to the TA.

We accept these guidelines and intend to fulfill them (sign below).

Weiqiang Zhang

Usman Siddiqui

Hao (Frank) Xu

Rahmatullah Nikyar

Tony Zeng