

# Team Name: 5ABC

## Member Information

### Alykhan Versi

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Hi My name is Alykhan Versi, I am in my 4th year studying Management and Computer Science. In my first 4 years of studies I have been able to maintain excellent academic standing by being listed on the Dean's List in all 4 years of my studies. Additionally, I have had 4 previous work terms in software engineering capacity at Manulife, PointClickCare, CIBC and CIBC Capital Markets. I am hoping to speak more about my previous experiences and how they would translate well in this role. A bit about Alykhan the person, I am an avid lover of football (soccer) as a player and a spectator, I have traveled continents to see the beautiful game being played.



### Aahil Samnani

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Hi, I'm Aahil Samnani, a third-year computer science student at the University of Toronto. I have previous data science and data engineering internship experience in the finance industry, and I'm currently working as an ML Software Engineer intern at Borealis AI where I'm helping to develop infrastructure and data platforms for large language models. My academic interests lie closely within statistics and machine learning, and learning how I can leverage them to develop software. In my free time, I enjoy listening to podcasts, traveling, and working on personal projects related to my interests in sports and finance. For example, I recently created a web app that provides in-depth stats and news to give users a competitive edge in official fantasy soccer apps.



**Austin Yang**

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Hi, I am Austin, a 3rd year Computer Science student specializing in Software Engineering and minoring in Biology & Statistics. I have developed projects in Full Stack Development, Software Development, Data Science, and Neural Networks. In addition, I have some work experience either as an intern or part-time to gain some practical experience. I am currently learning more about AI, Front-End Development, and Biochemistry :) Aside from academics and work, I like watching soccer games, playing golf, and creating new cocktail recipes.

**Ali Rajan**

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Hi, I'm Ali, a second year computer science student at the University of Toronto. I have a strong interest in mathematics, by which I was driven to become a teaching assistant for Linear Algebra I (MATA22) at UofT. I have collaborated in Scrum teams to develop full-stack websites and an Android app using languages such as JavaScript, Python, and Java. Aside from academics, I am passionate about music.

**Auric Zhou**

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Hello, my name is Auric Zhou, and I am a 2nd year Computer Science student at the University of Toronto Scarborough. I have worked in Agile teams to create an Android app and a full-stack website, and I am familiar with many technologies and web frameworks such as React, Node.js, and Docker. Additionally, I have experience with languages such as C, Python, and Javascript. I enjoy a good weight-lifting session and occasionally some doodling.



**Ben Wang**

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My name is Ben, I'm a third-year student at the University of Toronto. I am a computer science major, of course, but my interest in the field extends much beyond the classroom. My first introduction to software design was back in Grade 10 of high school, and I've been hooked ever since. From then on throughout high school, I've worked on expanding my field of expertise and experimented with a whole bunch of different tools and interfaces. Someday, I aspire to be a person who also contributes to making a more productive and sustainable world.

**Carter Morris**

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Hey, my name is Carter, I'm currently in my third year at the University of Toronto. I major in physics and astrophysics but am also minoring in computer science and applied statistics. Personally, my interests in computer science lie on the front-end as I currently work at a startup company utilizing JS frameworks such as React and Remix, but through school and other personal projects I've garnered experience in Python, Java, C, and R. I genuinely find it compelling seeing someone's vision for a project materialize into exactly what they dreamed. On a more casual level though, I enjoy playing tennis, biking around (in any weather), and getting immersed in a good story whether it be in a video game, a book, or a movie.



# **Team Agreement**

## **I. Meetings**

**As a team, we agree to always set group meetings by:**

- a. Speaking to each other respectfully and timely.
- b. Via Discord, messages will be sent at least 1 day prior unless an emergency arises.
- c. Communication response time should be within 6 hours.
- d. We will meet at least 2 times per week for at least 1 hour and our regular group meetings will be on Sunday at 3:00 pm and Wednesday 7:30 pm.
- e. Each person will be expected to communicate with the team regarding meeting preparations and personal/team deadlines.

## **II. Contingency Planning**

**If there is a change in the meeting, every person in the group will be notified:**

- a. Primarily through Discord, and email if Discord is unavailable
- b. We agree that 12 hours is the advance notice to cancel or reset the meeting (delete/update items)
- c. We agree that in order to change or cancel a meeting, we need agreement from the majority of team members
- d. We agree that a team member can miss a maximum of 4 meetings

**If a team member :**

- a. fails to attend the scheduled meeting(s) without notice;
- b. fails to complete work on time
- c. fails to complete work in adequate manner and to quality standards set by the team
- d. behaves unprofessionally during meeting(s) or via written communication (i.e., does not pay attention, initiates conflict, etc.)
- e. fails to contribute the same level as everyone else in terms of effort, skills, cooperation, and results

Any of the above listed items will constitute Breach of Agreement. Unless excused by the rest of the group, or has a valid reason (e.g., Illness). It is up to the group members if they require proof for certain excuses. If any conflict arises the TA/Professor will be notified.

### **III. Consequences For Breach of Agreement:**

This section specifies procedures and penalties you wish to implement in the case of "slackers" or team member(s) who deviate from the Team Agreement.

**Each of us agrees that if a team member is in breach of this team Agreement, we will take the following actions:**

- a. Send the ***Written Warning*** (via email or discord) to the individual outlining the complaint, providing evidence and supporting documents related to the problem, providing a time frame for the problem to be fully and completely remedied, and copy the TA & professor on the correspondence.

**Each of us agrees that if there is failure on my part to meet my obligations to the team project, I will do the following:**

- a. ***Respond in writing*** (via email or discord) to the warning and provide a detailed plan and timeline on how I will remedy any and all problems related to my underperformance and/or lack of contribution to the team assignment(s). Copy the TA & professor on the correspondence if applicable.

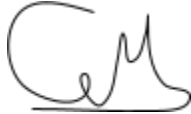




**Each of us understands that if the same or similar problem occurs one more time, or if the problem stated in the Written Warning is not fully rectified,**

- a. The group will contact the professor if they intend to 'fire' or report a team member from the team (via email) that states the reason for firing.

In appending your signatures below, you are stating that:

- a. *You participated in formulating the standards, roles, and procedures of this Agreement*
- b. *You have agreed to abide by these terms and conditions of this Agreement;*
- c. *You understand that you will be subject to the consequences specified above in the event that you do not fulfill the terms of this Agreement.*

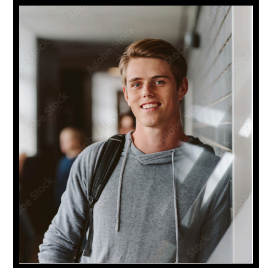
**Signed:**

Printed Name	Signature	Date
Carter Morris		Feb 4, 2024
Austin Yang	<u>Tian (Austin) Yang</u>	Feb 4, 2024
Ben Wang		Feb 4, 2024
Auric Zhou		Feb 4, 2024
Alykhan Versi	<u>A.Versi</u>	Feb 4, 2024
Ali Rajan		Feb 4, 2024
Aahil Samnani		Feb 4, 2024

## Personas

### Alex Wright

Alex is a bright 18-year-old nearing the end of his 1st year at Waterloo studying geomatics. In his spare time, he loves to bike around campus, watch rugby, and cook new recipes in his on-suite kitchen. He's had an exciting but stressful first year, living in residence has enlightened him about the steep costs that exist in university between tuition and living expenses. His parents are able to support a good part of his tuition but Alex is using the money he gathered over working during the summer to pay for the rest as best he can and saves by shopping around and biking to get his groceries which adds up over time. He applied for OSAP but because his parents were able to provide a good amount of money for his tuition he didn't receive much. For this reason Alex has been looking for grants to apply for but hates wasting time filtering through grants that don't pertain to him and searching for new grants.



### Frida Warner

Frida is a 45-year-old manager at a non-profit organization focused on supporting education for students with disabilities. She is a dedicated professional with 15+ years in the nonprofit sector, and was just given the responsibility to connect her organization's grants with deserving students. As a parent of a child with a learning disability herself, she is compassionate about this subject and is dedicated to finding the best way to increase the visibility and accessibility of their grants to a wider audience of applicants. Her daily workflow involves regularly uploading large amounts of detailed information about available grants, such as eligibility criteria, deadlines, required documents, etc. As such, she seeks a platform that not only broadens the reach and accessibility of her grants but also has a streamlined process that saves time and resources for her organization. Their current system is extremely basic, making it hard for the team to efficiently process the large volume of applications without overlooking deserving candidates. Frida has been fed up with their current solution for a while, so now that she is in charge of the process, this is the perfect time for an overhaul.



## Delilah Rivers

Delilah is a 24 year old woman aspiring to be a journalist. She suffers from Stargardt's disease, a build-up of fatty material on the part of the retina that causes partial blindness in the form of central vision loss. She took some time off after highschool to work an office job so, despite her vision impairment, Delilah is quite familiar with a keyboard and is used to navigating through websites with screen readers and keyboard inputs. Her dream is to move cross-country and study journalism to write about stories happening around the world, however, this is quite expensive and wishes to apply for grants online to help ease her transition. She seeks to find a website that effectively presents available grants pertaining to her character and is easy to use considering her visual condition.



## User Stories

Register
As a new applicant I want to be able to create an account so that I can view grants and begin applying for grants
As a new grantor I want to be able to create an account so that I can create grant applications to offer to applicants
Login
As a returning applicant I want to be able to login so I can easily view my grant progress and browse other grants
As a returning grantor I want to be able to login so I can view my dashboard to manage my grants
Grantee Dashboard
As an applicant I want to view all the grants I have applied to so that I can see my pending applications
As an applicant, I want to be able to browse grants pertaining to me so that I can easily find new grants to apply to
As an applicant I want to revoke my application to a pending grant so I am no longer available to be selected
As an applicant I want to view my application to grants so I can review what was submitted



## Application Process

As an applicant, I want to fill out grant application forms for grants that I wish to apply to so that I can be chosen to receive the grant

As an applicant, I want to be able to upload documents directly to the grant form such as a resume or cover letters so that I can bundle the application process into one clear and inclusive submission

As an applicant, I want to be able to review my application before submission so that I can ensure everything is correct

As an applicant, I want to be able to cancel my in-progress application without consequence at any time so that I can go back if I no longer wish to apply

## Grantor Dashboard

As a grantor, I want to see a list of grants I accepted so I can quickly see the statuses of all active grants

As a grantor, I want to have a button for each unawarded grant that shows the number of applications and takes me to a list of applications to review so I can quickly find applications to review

As a grantor, I want to be able to close/reopen the application process to new applicants so that I can enforce submission deadlines or have time to review all existing applications

As a grantor, I want to be able to choose an applicant(s) to receive a grant so I can move to the next stage in providing the grant.

As a grantor, I want to be able to add milestones to grants so that I can establish a timeline of requirements for the selected grantee(s)

## Milestone Tracker

As a selected applicant, I want to be able to view my completed and outstanding milestones so that I know what objectives to work towards to fulfill the grant

As a selected applicant, I want to be able to mark outstanding milestones as completed and pending for review so that I can progress my grant fulfillment process

As a grantor, I want to be able to view the milestone progress of active grants so that I can ensure selected applicants are working towards grant fulfillment.

As a grantor, I want to be able to review pending milestone updates so that I can verify their completion and progress the grant accordingly

## Grant Application Form Builder

As a grantor I want to be able to create a new blank grant application form so I can begin making the form

As a grantor, I want to be able to drag and drop new questions (file upload, date and time, multichoice, dropdown, short and long text) so I can easily build an application for applicants

As a grantor I want to be able to switch the question order

As a grantor, I want to be able to specify how many people can receive the grant so that I can be clear to applicants

As a grantor, I want to be able to review my grant application form before publishing it so that I the form is exactly how I want it to be

As a grantor, I want to be able to publish my grant with its application form so it can be viewed and begin receiving applications

## Settings

As a grantor or applicant, I want to be able to change the font size so I can read text easier

As a grantor or applicant, I want an option to change the language so I can read the site in my native language

As a grantor or applicant, I want to be able to change the colors so I can accommodate my color blindness

As a grantor or applicant, I want to be able to change the contrast so I can accommodate my vision impairment

As a grantor or applicant, I want to be able to use screen readers so that I can navigate and use the website effectively