

# Deliverable 1

## Team Meetings:

We plan on holding weekly meetings to brainstorm.

## Team Dynamics:

Our team consists of 5 members and a mentor:

1. **Ali Haider:** Currently pursuing natural science as a minor in university and doing a course on climate change, Ali's technical & creative inputs on the scenario help look at the current wildfire spurts will help the team keep a practical & informative viewpoint. Also, having access to research journals and articles used by professionals, his inputs would be based on a professional database.
2. **Anna T.:** Anna's ability to do extensive research, collect data & present it provides an analytical perspective of the concepts we are building upon and keep track of the figures we need to realize the concept. Programming and previous experience handling various types of technology support this perspective.
3. **Brandon T.:** A deep learning enthusiast and innovator at heart, Brandon's experience with rapid prototyping, programming & researching contribute to the heart of the solution-designing a feasible concept & interface blueprint that would be welcomed by professionals. His personal experience with wildfires will also aid our designs.
4. **Sanya K.:** Sanya's interests in the natural sciences, programming, and aeromodelling will guide our design of a drone system as she has previous experience with the same. Furthermore, her interests keep her updated with expert talks that can be referred upon to take into account current measures being used & developed.
5. **Aditi G. (Team Lead):** Aditi's experience with idea generation for MNCs, rapid prototyping and research will help keep the idea on an economical track while ensuring that it aids professionals. Living in a wildfire-prone area, her firsthand experience with wildfires and current response techniques, along with checking the dynamics of the concept in a real-life situation will provide a sturdy sense of development.
6. **Veronica Donato (Mentor) & STEM Expert Advice:** We plan to engage various experts working in related fields-firefighters, professional hackers, aeromodelling experts, and our mentor by asking them about various aspects of our concept-the legality, practicality, current & prospective problems, financial & technological perspectives, and finally their professional remarks about our concept, so that we are able to create the best model.