

## **Cover Page**

**Document Title:** individual\_contributions.pdf

**Document Purpose:** Highlights each member of the group and their contributions. Displays two charts with responsibility roles and allocations. A work assignment highlighting everyone's role on the team and what they completed for this deliverable 1 submission. Then finally a project management page where everyone's skills, deliverable 1 contributions and future roles are displayed. After this are the tools the group uses in this project along with the meeting times and developmental timeline for this current submission of deliverable 1.

**Project Title:** Crowdsourced Disaster Relief Platform

**Group Number:** 2

**Group Members:** Casey Nguyen, Kevin Pulikkottil, Andy Jih, Sawyer Anderson

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## Individual Contributions Breakdown:

### Responsibility Matrix:

- Responsible
- Accountable
- Consulted
- Informed

Activity	Casey	Kevin	Andy	Sawyer
1_code	R	R	R	R
User Interface	R	I	R	I
Models	R	I	I	I
Service	R	I	I	I
Backend	A	R	I	R
AI	A	R	I	I
API	A	R	I	I
Firebase Integration	A	R	I	I
2_data_collection	R	R	R	I
3_basic_function_testing	A	R	I	I
techincal_documentation.pdf	R	R	I	I
user_documentation.pdf	R	I	I	I
individual_contributions.pdf	R	I	I	I
future_plan.pdf	R	I	I	I
Group Management	R	C	I	I
Group Planner	R	R	I	I

### Responsibility Allocation Chart:

Activity	Casey	Kevin	Andy	Sawyer
1_code	✓	✓	✓	✓
User Interface	✓		✓	
Models	✓			
Service	✓			
Backend	✓	✓		✓
AI		✓		
API		✓		
Firebase Integration		✓		
2_data_collection	✓	✓	✓	
3_basic_function_testing		✓		
techincal_documentation.pdf	✓	✓		
user_documentation.pdf	✓			
individual_contributions.pdf	✓			
future_plan.pdf	✓			
Group Management	✓			
Group Planner	✓	✓		

## **Work Assignment:**

### **Sub-Teams:**

1. Casey and Kevin
2. Andy and Sawyer

### **Individual Competences:**

#### **Casey:**

- Frontend/Backend Developer, Management, Communication
- Worked on UI of Website, Oversaw the front and backend
- Completed: 1\_code, 2\_data\_collection, technical\_documentaion.pdf, user\_documentation.pdf, individual\_contributions.pdf and future\_plan.pdf

#### **Kevin:**

- Backend Developer, Planner, Communication
- Worked on AI matching, Database storage. Did most the backend
- Completed: 1\_code, 2\_data\_collection, 3\_basic\_function\_testing and technical\_documentaion.pdf

#### **Andy:**

- Frontend Developer
- Worked on UI of Website
- Completed: 1\_code, 2\_data\_collection

#### **Sawyer:**

- Frontend/Backend Developer
- Worked on Backend for User Authentication and Database storage
- Completed: 1\_code

## **Project Management:**

### **Product Ownership and Responsibility Breakdown:**

Casey Nguyen: Oversee project management; contribute to both front and back ends. Does the pdfs and write ups. Oversees submission and final calls. Will work on the UI of the website after deliverable 1 and ensure key functions work as expected while trying to enhance the current version after deliverable 1. Will continue to oversee the front and back ends ensuring project and website works and doesn't break. Will continue to serve as a manager and try to get tasks done on time and in a progressive manner. Will continue to organize meets and code times and ensure everyone is doing their part.

Kevin Pulikkottil: Lead backend development and AI matching implementation. Will work on the backend in a leader role. Main backend person. Will continue to integrate the back end with the frontend to store user data and ensure data is stored safely. Will continue to plan activities and provide a guideline on how to complete the project in a timely manner.

Sawyer: Handle front-end development and database-related fronted integration. Will work on user authentication in regards to both the front and back end to ensure users can sign in , sign up and log out safely.

Andy Jih: Assist in front-end development. Will continue to work on the UI of the website and enhance the design.

### **Tools Used:**

Github - For version control and to oversee each others code

Discord - For communication

Messages - For communication

VSCode - IDE

Flutter - For 1\_code and the main website builder

Google Doc - For pdf write ups

**Meetings:**

Would text each other when we would work on projects and when due dates were. Would just work on it when we had time. Mostly through text and discord. Most of the time was just progress checks and what we needed to do before the due date.

**Development Timeline:**

March 9: Submitted Project Requirement Documentation

March 10-16: Discussed next steps, what IDE we would use, what programming we would use (Flutter), and confirmed our project key features and how we wanted it to streamline data with AI

March 17-23: Spring Break

March 24-30: Launched respective front end and back end parts. To be integrated in Deliverable 2

March 31 - April 6: Finished basic UI for deliverable 1, finished key functions of the website, finished APIs and most of backend main points

April 7 - 11: Finished backend AI Matching, finalized all parts for submission. Finished respective pdfs.

April 11: Submitted all documents and code to eLearning for Deliverable 1

**DISCLAIMER: I was not sure if I should include a timeline or a milestone page here since there is another pdf for "future\_plan.pdf" where I could do the same thing. If expected the Timeline and Milestone part go to future\_plan.pdf**