

Community Fault

IAT 431 Team Magnitude draft proposal : Aries, Dylan, Jimmy

Theme -

- Neighbourhood Resilience - community engagement
- volunteer engagement - Being aware of the lack of volunteer engagement at daily bases within the current volunteer system, the app aims to enhance communication between the volunteers and families to better prepare themselves during extreme situation such as earthquake.
- earthquake preparedness - App has the affordances to prepare people for earthquake through a social and entertaining way.

Target Audience -

- This project is designed to target and challenge the earthquake preparedness of the general public; specifically sets of family units from a single neighborhood.
- specifically each family would be targeted, then the neighborhood as a whole would be compared to other neighborhoods.

Rationale -

The rationale is that there is a lack knowledge of who is part of a neighborhood and what skills they have towards aiding each other during a crisis. Therefore, this design would aim to raise awareness of each other's skills, survival preparedness and existence so that during an emergency neighbors will know who can aid in what situation, who can benefit from more support and lastly; who is a part of their neighborhood if someone is missing. Thus, increasing neighborhood resilience. By also employing it in a game-like method, it helps alleviate alienation from competitiveness to instead help each other better their survival skills to increase their collected score.

Design Description -

This project and local challenge is designed to raise awareness of a family's earthquake disaster awareness as well as the preparedness of ones neighborhood's preparedness levels. In this challenge volunteers will deliver an earthquake preparedness package to every household and family in selected high and low risk neighborhoods. This package will contain a set of questionnaires about: the family structure / size, the combined skills sets (practical, survival and medical) that they have, the amount of stored food, water and expiration they have, the contents of their survival kits (if any are present), their predesign emergency routes, and a breakdown of the locations, distances from and average time spent in places other than their home. Given the information that is collected in the previous steps each households earthquake preparedness will be given a score and ranked alongside the other houses in their community. Then each combined communities score will be ranked and given a position on a leaderboard for British Columbia.

After the ranking has taken place each neighborhood will be given a publicly available booklet containing the survival skills and information of the people in their community (if they allow this information to be shared) in order to help create a sense of community and structure in the event of a disaster.

Benefits -

- Individuals would be aware of their own survival rate and thus, would induce reflection onto if they are ready for an earthquake
- Individuals would be aware of their surrounding neighbors and how they can contribute to your or how you can contribute to their survival
- Can promote neighborhoods and/or individuals to strategize an evacuation plan
- Can give trained volunteers a community role to utilize their knowledge to educate communities