TEAM SHAKE&QUAKE
Project Earthquake
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Theme

The theme of our project will be Neighbourhood Resilience. Through our observations, we have noticed that a lot of people are not prepared and do not have the necessary resources for a major earthquake. The ones that are prepared have emergency kits only at their homes. Since most of our time is spent outside our home (at work etc), how can we ensure that we and our community have the necessary resources?

Target Audience

Our target audience is the general public for anyone who has a device such as a smartphone or tablet and can access and use applications. We are targeting anyone that may need resources after an earthquake if they are not prepared or if they are in a location that disables them from having any access to resources. It will allow them to find something they need at the closest location.

Rationale

We chose this theme because we understand that not everyone may have an emergency kit at home or have all the required resources in case of an earthquake, and we also understand that when an earthquake happens, not everyone will be at home where their resources may be located. This application allows the user to find resources that they may need or help other people in the area that may not have a smartphone or device that allows them to access this information. This information will help them get resources or guide them to where they can go or who to find for their needs.

Design Description

The app will allow people to see what resources are available or needed in their proximity. The goal is for people within the area/community to share resources, help each other out, and come together as a community while the city is responding to life safety priorities. After an earthquake, people can go on the app and either find resources they need or see what other people are needing that may be provided. For example, you are stuck on a skytrain when the earthquake happened and you got a cut and need a bandaid. You would then go on the app and look to see if there is anyone in your area that has what you need and who is willing to offer such resources.

Benefits

The design will solve issues for anyone who has insufficient resources, providing a common platform to be informed and notified as to what other people in your surrounding area has to offer or need. This also creates the opportunity for social bonds to develop through supporting one another in times of emergency.

Questions:

Can we assume there will be network and cellular data available? (With the Telus "cows" described from before).