CONTAINMENT ZONE ALERT APPLICATION

Brainstorming & Idea Prioritization

Brainstorming is a method of generating ideas and sharing knowledge to solve a particular commercial or technical problem, in which participants are encouraged to think without interruption. Brainstorming is a group activity where each participant shares their ideas as soon as they come to mind.

Brainstorming creates an open and welcoming environment in which everyone in a team is invited to take part in the analytical thinking process that leads to problem resolution. Prioritizing volume over value, unconventional ideas are welcomed and developed upon, and all participants are encouraged to contribute, assisting each other in developing a wealth of creative solutions.

Containment Zone Alert Application – Brainstorming & Idea Prioritization

Step-1:

Team Gathering, Collaboration and Selecting the Problem Statement

Step-2:

Brainstorming, Idea Listing and Grouping

Step-3:

Idea Prioritization

Team Gathering, Collaboration and Selecting the Problem Statement



Containment Zone Alert Application

An application that is intended to provide information about containment zones in a particular region by alerting people, through continuous monitoring of an individual's location. Key benefits of the application are monitoring people's activity and alerting them of their safety movements.

PROBLEM

How might we alert people of Covid Containment Zones?

Solution Requirement

The project aims at building an application that provides information about the containment zones of a particular region by continuously monitoring an individual's location. Location of the individual must be stored in the Database. Alerts are sent using the notification service.

Features

Admin App (portal):

They should login to the app and update the containment zones locations in the portal. Based on the location a Geofence will be created within a 100 meters radius. They should be able to see how many people are visiting that zone.

User App (Mobile App):

The app should have a user registration and login. After the user logged into the app it will track the user's location and update the database with the current location. If the user is visiting the containment zone he will get an alert notification.

Brainstorming, Idea Listing and Grouping



Brainstorming

Ideas that came to our mind that address our problem statement.

Raajkamal L N

Get Data Customizable Integration using Google API's Alerts can be a plus! Source API's Cloud data Security in Automate Location syncing for sharing syncing flexibility Lively Self Interface in explanatory containment a pannable UI view

Ranjith S

Easy Identification of containment zones	No complicated process involved	No privacy related issues
Assist to stop spreading of dreadful pandemic	What if it doesn't support all devices?	Notifications to avoid entering the red zone is provided
Visualize statistics	Offline data storage	Interactive map for containment zones

Mohammed kashif roshan K M



Raghul V



Raghul V

App promotions	Simple and clear UI	Real time alerts
Test the app throroughly	Frequent Updates & Bug Fixes	How does it replace othe priorly existing app?
Helpful in finding nearby containment zones	Precision of User Flows	Let the users feel the functions visually



Grouping of ideas

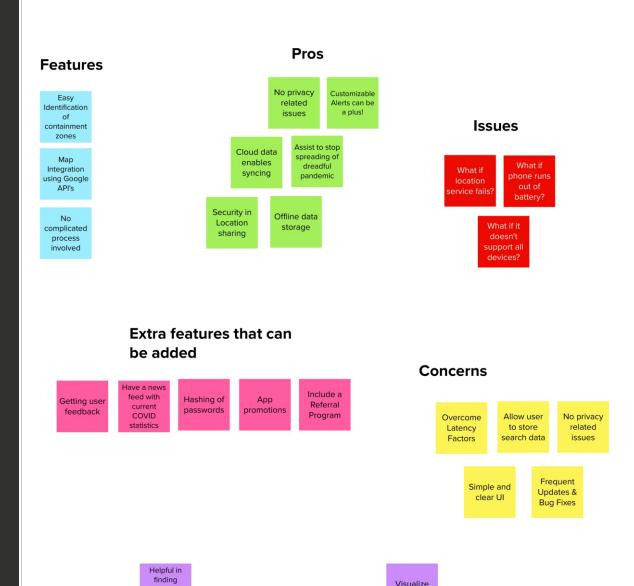
Each group is a collection of similar ideas from the brainstorm that has a title which describes what the ideas have in common.

nearby containment

zones

Instant alert

delivery



Uses

Allow user to store search data Allow user to

search

containment zones

Visualize

statistics

Idea Prioritization



Priorities

0

An importance - feasibility graph about what's important moving forward.



Feasibility Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)