Ideation Phase

Brainstorm & Idea Prioritization

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

IDEA:

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.

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.

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

GOAL

Containment Zone Tracking Application Development

CONSTRAINTS

Maintain necessary data's access necessary usage of location

COMMENTS

This application 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

TEAM IDEA WORKSPACE

Kishore RR

For the precise use of location and get prior alert messages

Blessing Charles E

How can we push the notification to the user We need to access the location while to see the alerted zones

If we want to push the notification we need to provide the alerted zones We might face lot of challenges

Can we send the alert messages through App notification

Kannadhasan S

We can send grid type of alert messages If the person encountered into the marked zones the alert messages are sent via mail

We must develop both web & mobile application for the various kinds of users

Manoj Kumar M

User can share their status as public whether they are affected or not User must keep updated of their app for better reliable of data For the affected person profile, user can contact the Emergency services

FAVOURITE IDEAS

Make profit as public to alert nearby user whether they are affected or not?

User can contact the war room service for their Emergency purposes

There is a way to share your location to your saved contacts



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.

Pros **Features** No privacy Customizable Easy Identification related a plus! Issues containment zones Assist to stop Cloud data spreading of Мар enables Integration using Google API's pandemic Security in Offline data No Location storage complicated sharing process involved Extra features that can be added Concerns feed with current COVID Include a Hashing of App Getting user Referral passwords promotions feedback Program Overcome Allow user No privacy Latency to store related Factors search data issues Frequent Simple and Updates & Bug Fixes Helpful in finding Visualize nearby statistics Uses containment zones Allow user to Instant alert search delivery containment zones Allow user to store search data

Idea Prioritization



Priorities

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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.)