**IBM PROJECT – PNT2022TMID22791**

**Team Leader**

S. GOKULAVARSHINI

**TEAM MEMBERS**

A. ABINAYA

G. AASIKA

S. JAGHAN

Bachelor of Engineering

In

Electronics and Communication Engineering

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE

**IDEATION PHASE**

**BRAINSTORMING & IDEA PRIORITIZATION**

1. **Define your problem statement**

PROBLEM: How to prevent and alert while trespassing the containment zone?

1. **Brainstorm : write down any ideas that come to mind that address your problem statement**

**S. GOKULAVARSHINI ( Idea 1)**

* Geofence should be created to Identify the containment Zone
* Zones should be differentiated to Identify the Intensity of Infection
* There should be continuous monitoring of an individual ‘s location
* Provide notifications alert if the user has entered the geofenced region.

1. **ABINAYA (Idea 2)**

* Containment zone should be mapped in the google map
* Geofence should be upto-date
* Provides daily Covid-19 case statistics
* Should notify about the nearby vaccination.

**G. AASIKA (Idea 3)**

* Provides precautions to be taken while travelling
* Provides remedies to be taken during quarantine
* Frequent update of location along with the nearby hospital
* Information about the Covid-19 should be from verified sources

**S. JAGHAN (Idea 4)**

* Containment zone should be monitored 24\*7
* Alternate route should be provided to prevent trespassing the zone
* Admin can add geofences at the affected locations by using latitude and longitude
* Should keep user away from COVID-19 fake information

**Based on Geofence**

* Geofence should be created to identify the containment zone
* Geofence should be upto-date
* Admin can add geofences at the affected locations by using latitude and longitude

**Based on location**

* There should be continuous monitoring of an individual’s location
* Frequent update of location along with the nearby hospital

**Based on notification**

* Provide notifications alert if the user has entered the geofenced region
* Should notify about the nearby vaccination center