

# CONTAINMENT ZONE ALERTING APPLICATION

## PROJECT DESIGN PHASE 2

### DATA FLOW DIAGRAM

**Team ID : PNT2022TMID35197**

#### **Team Members**

Team Leader : KARTHICKEYAN E  
Team member : CHANDNI G  
Team member : RISHI VISVAS T S G  
Team member : VAANMATHI S

#### **Problem Statement:**

Create an application to indicate Containment Zone Alert.

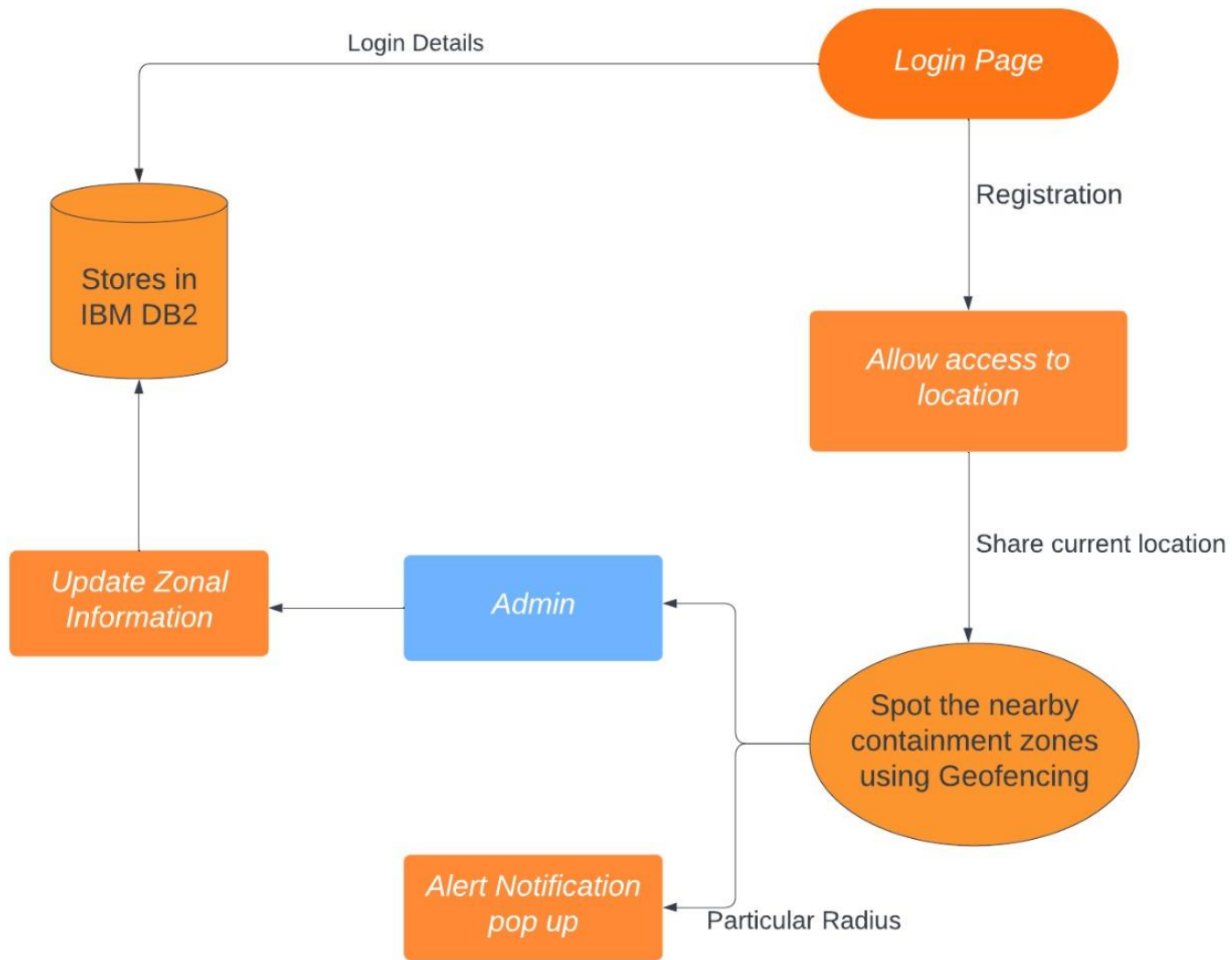
#### **Problem Statement Description:**

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.

#### **Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

## Data Flow Diagrams:



## User Stories:

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN - 1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account or dashboard	High	Sprint-1
		USN - 2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN - 3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN - 4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN - 5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN - 6	As a User, Can I manually plot the alerted zone for my convenience only.	It can be viewed in the user dashboard	Low	Sprint - 2
Customer (Web user)	Registration	USN - 1	As a user, I can register for the application by entering my email, password, and confirming my password.	User account activities can be viewed in dashboard.	High	Sprint - 2
		USN - 1	Confirmation code has been sent through the registered mail id, phone number or any other accounts.		High	Sprint - 2
	Location Access	USN - 2	As a User, I can view into the page, if there is any condition to access the location	Location can be turned through Control center	High	Sprint - 2
	Contaminated Zones	USN - 3	Is it accurately show off the alerted zone If I entered into the zone the messages are properly received through email.	Alerted messages are send by sendgrids through the registered mail id	High	Sprint - 3
Administrator	Frequent Updates	USN - 4	Admin are necessary to updates the recent containment through their portals and these seen through the app.	It can be accessed by Geo fencing.	Medium	Sprint - 4