

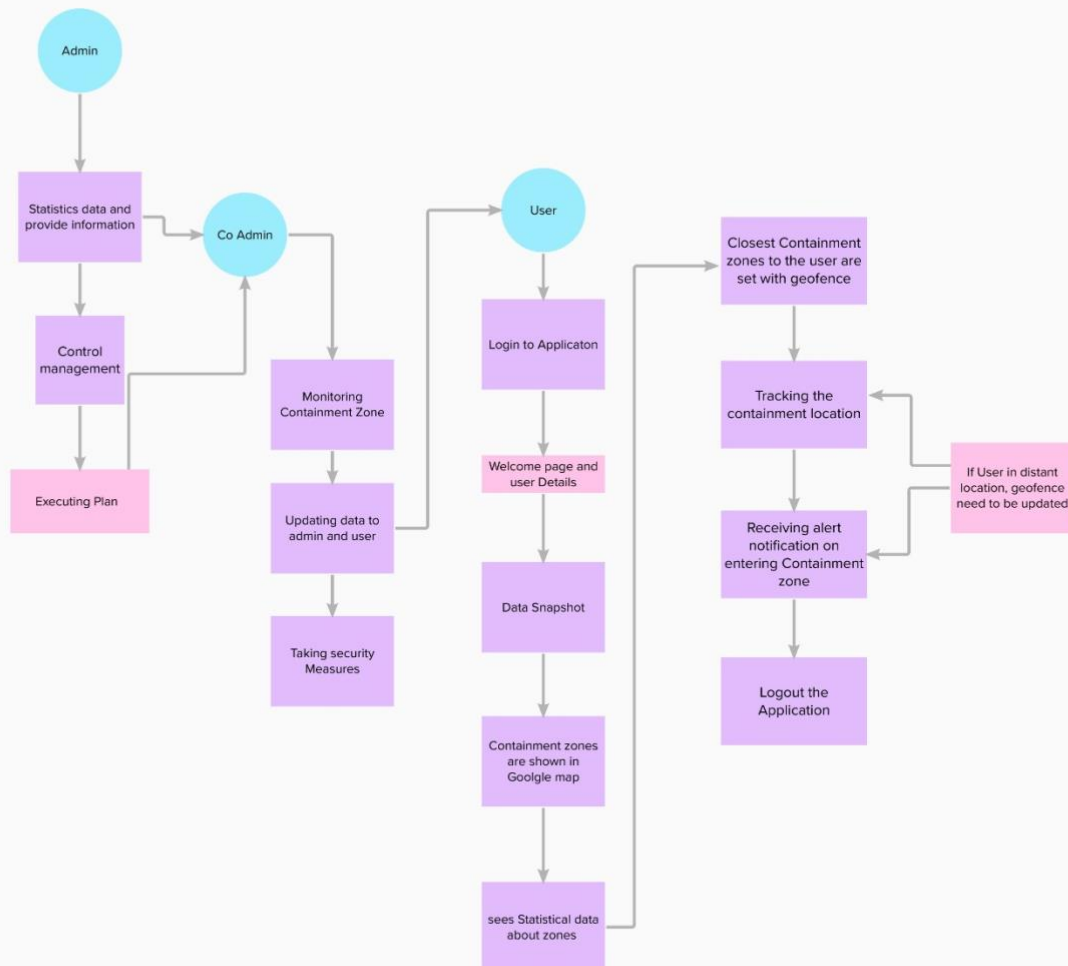
Project Design Phase-II

Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID45989
Project Name	Containment Zone Alerting Application
Maximum Marks	4 Marks

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.



Flow:

1. Admin control management and get statistical data
2. Coadmin monitors the Containment zone and provide updated data
3. User Login to their account
4. User sees and get details about containment zone
5. User tracks the containment zone by geofencing
6. If user enters containment zone , receives alert notification.

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Priority
Admininstrator	Login	USN-1	Get statistical data	I can manage web account/dashboard	High	Sprint-2
		USN-2	Control Management	I can manage the Containment zones	Medium	Sprint-1
		USN-3	Executing plan	I can execute plan and process the database	High	Sprint-1
Co Administrator	Login	USN-4	Monitor the zones and updates the data to admin and user	I can manage Containment zone monitoring and updating data	High	Sprint-1
		USN-5	Taking security measures	I can take security measures on requirement	Medium	Sprint-2
User	Login	USN-6	Receiving welcome message and data snapshots	I can Get information about zones and analysing	High	Sprint-1
		USN-7	Showing Containment zones in map	I can Track the zones and find closest containment zones	High	Sprint-1
		USN-8	Receiving alert Notifications	I can receive alert notification while entering conatainment zones	High	Sprint-1