Project Design Phase - II
Data Flow Diagram and User Stories

Team ID	PNT2022TMID35281
Project	Containment Zone Alerting Application

Data flow diagram:
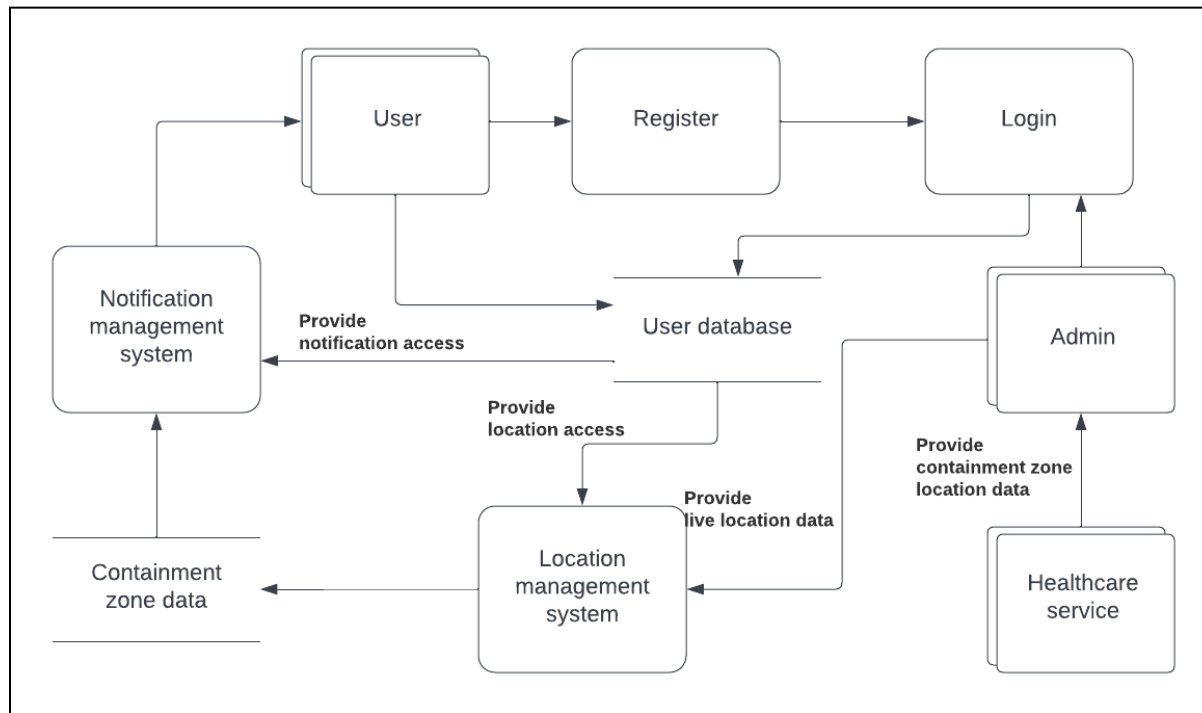
User stories:

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 and password.	I can access my account / dashboard	High	Sprint-2
	Login	USN-2	As a user, I can log into the application by entering email & password	I can see the homepage	High	Sprint-2
	Dashboard	USN-3	As a user, I can see the options available for a User account.	I can see the dashboard	Medium	Sprint-2
	Background running	USN-4	As a user, I allow the app to run in the background.	I should allow the settings to run app in background	High	Sprint-2
	GPS	USN-5	As a user, I allow the app to access my location.	I should accept the location access permissions.	High	Sprint-2
	Google Maps	USN-6	As a user, I can see the containment zones using the maps via Google Maps.	I should accept location permission.	High	Sprint-2
	Notification	USN-7	As a user, I allow notification access for the application.	I should allow notification access.	High	Sprint-3
Administrator	Login	USN-1	As an admin, I log into the admin portal.	I can access the admin portal.	High	Sprint-1

	Cloud	USN-2	As admin, I use the cloud services to maintain user data and the contaminated zones data.	I get the details of the user and store it in the cloud database.	High	Sprint-1
	Maps	USN-3	As an admin, I will enter the containment zones' location data.	I should enter correct coordinates of containment zones	High	Sprint-1
	Mail	USN-4	As admin, I set up a mail system to alert users when they enter a containment zone.	I use an online mail system to send mail to users.	High	Sprint-3
	Updating	USN-5	As admin, I should frequently update the details and the location of the containment zones.	I fetch data from a healthcare service on the internet and update the zones and the relevant details.	High	Sprint-1