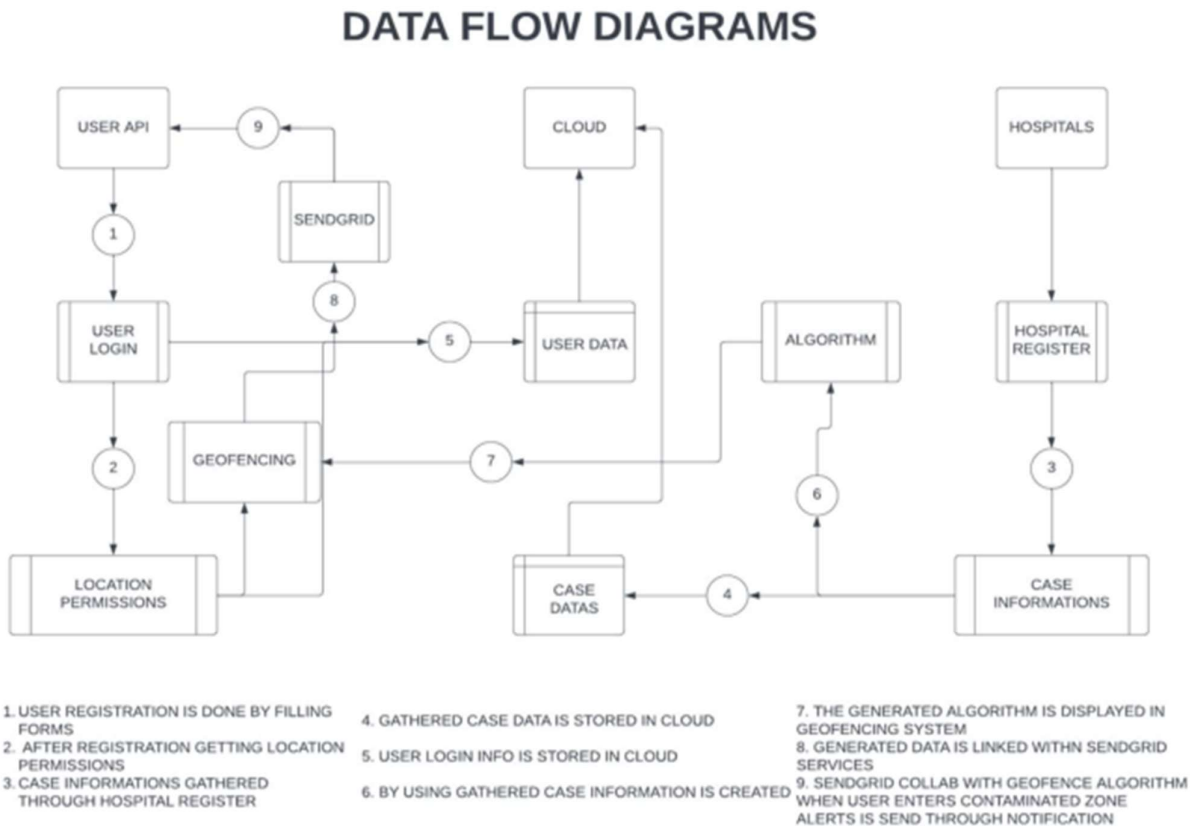
Project Design Phase-II
Data Flow Diagram & User Stories

Team ID	PNT2022TMID13289
Project Name	Containment Zone Alerting Application
Maximum Marks	4 Marks

Data Flow Diagrams:



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, password, and confirming my password.	I can access my account / 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 Gmail	I can register & access the dashboard with Google	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can see the homepage	High	Sprint-1
	Dashboard	USN – 5	As a user, I can see the options available for User account.	I can see the dashboard	Medium	Sprint – 2
	Background running	USN – 6	As a user, I allow the app to run in background.	I should change the app settings to run app in background	High	Sprint – 2
	GPS	USN – 7	As a user, I allow the app to access my location.	I should accept the permission to access my location	High	Sprint - 2
	Google Maps	USN – 8	As a user, I can see the containment zones using the maps via Google Maps.	I should accept location permission	High	Sprint – 3
	Notification	USN – 9	As a user, I allow notification access for the application.	I should allow notification access	High	Sprint – 3
Administrator	Login	USN - 1	As admin, I log into the administrator portal.	I can access the admin account.	High	Sprint – 1
	Cloud	USN – 2	As admin, I use the cloud services to maintain users and the contaminated zones data.	I work with cloud services	High	Sprint – 2
	Cloud Database	USN – 3	As admin, I store the user details in the cloud database.	I get the details of the user and store in the cloud database.	High	Sprint – 2
	Maps	USN – 4	As admin, I will enter the containment zone's location.	I should enter correct coordinates of containment zones	High	Sprint – 3
	Mail	USN – 5	As admin, I set up a mail system to alert users when they enter a containment zone.	I use online mail system to send mail to users.	High	Sprint – 3
	Updating	USN – 6	As admin, I should frequently update the details and the location of the containment zones.	I fetch data from internet and update the zones and the relevant details.	High	Sprint – 4