Project Design Phase-II
Data Flow Diagram & User Stories

Date	19 October 2022
Team ID	PNT2022TMID23726
Project Name	Containment Zone Alerting Application
Maximum Marks	4 Marks

Data Flow Diagrams:
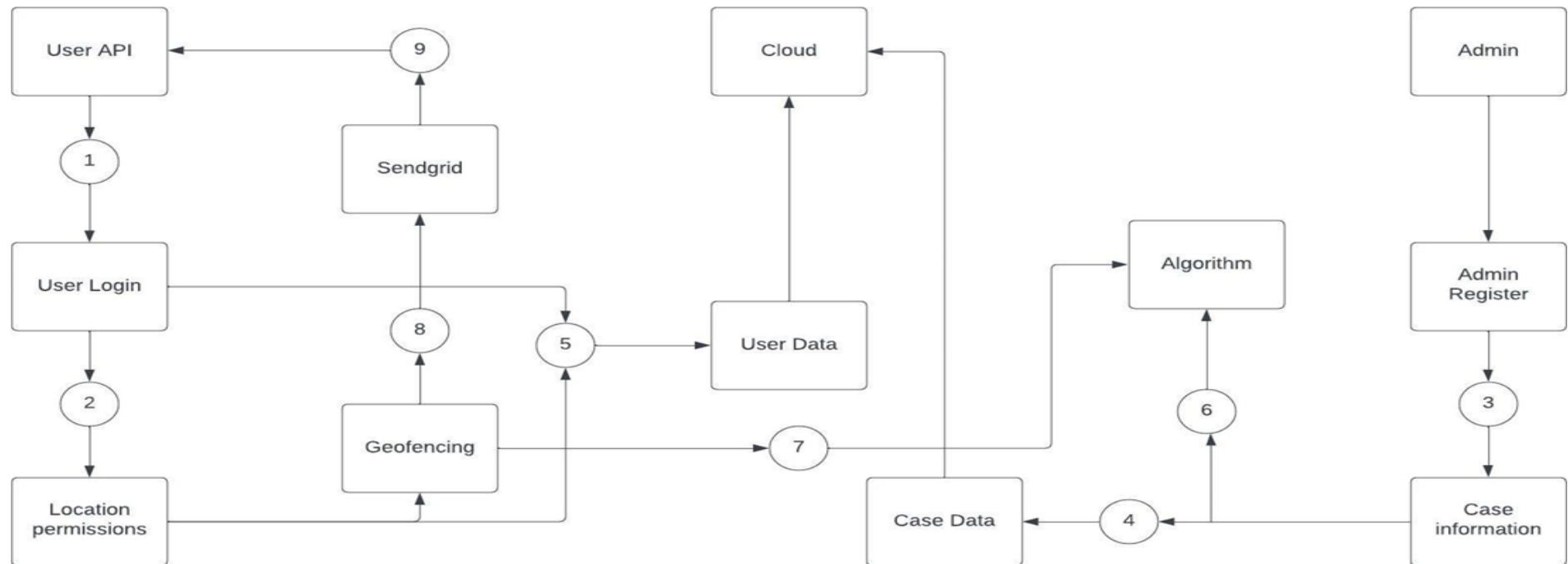
STEPS :

1. User registration is done by filling forms.

2. After registration, get the location permission.
3. Case Information gathered through admin register.
4. Gathered case data is stored in cloud.
5. User login information is stored in the cloud.
6. By using gathered case information is created.
7. Generated algorithm is displayed in geofencing system.
8. Generated data is linked within send grid services.
9. Send grid co-lab with geofencing algorithm when user enters contaminated zone alerts is send through notification.

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 Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-4
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Google login	Medium	Sprint-1
		USN-5	As a user, I can register for the application through Twitter	I can register & access the dashboard with Twitter login	Low	Sprint-4
	Login	USN-6	As a user, I can log into the application by entering my email & password	I can access it whenever I want.	High	Sprint-1
	Dashboard	USN-7	As a user, I need to give permission to access my contacts, location and storage	I get access to their services.	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-8	As a user, I get access to the dashboard which shows a map with marked zones.	I can see the zone information on the dashboard.	High	Sprint-2
Administrator	Services	USN-9	As an admin, I need to provide valid information about the pandemic out there.	I can get the pandemic updates out there.	High	Sprint-2
		USN-10	As an admin, I need to provide medical advice through a chat bot.	I get medical recommendation through a chatbot.	Medium	Sprint-3
		USN-11	As an admin, I need to provide medical recommendations by collaborating with top hospitals.	I get medical instruction through chief doctors.	Low	Sprint-3
		USN-12	As an admin, I need to alert the user when they enter pandemic zones.	I got a notification when I was in the pandemic area.	Medium	Sprint-4