

Project Design Phase-II

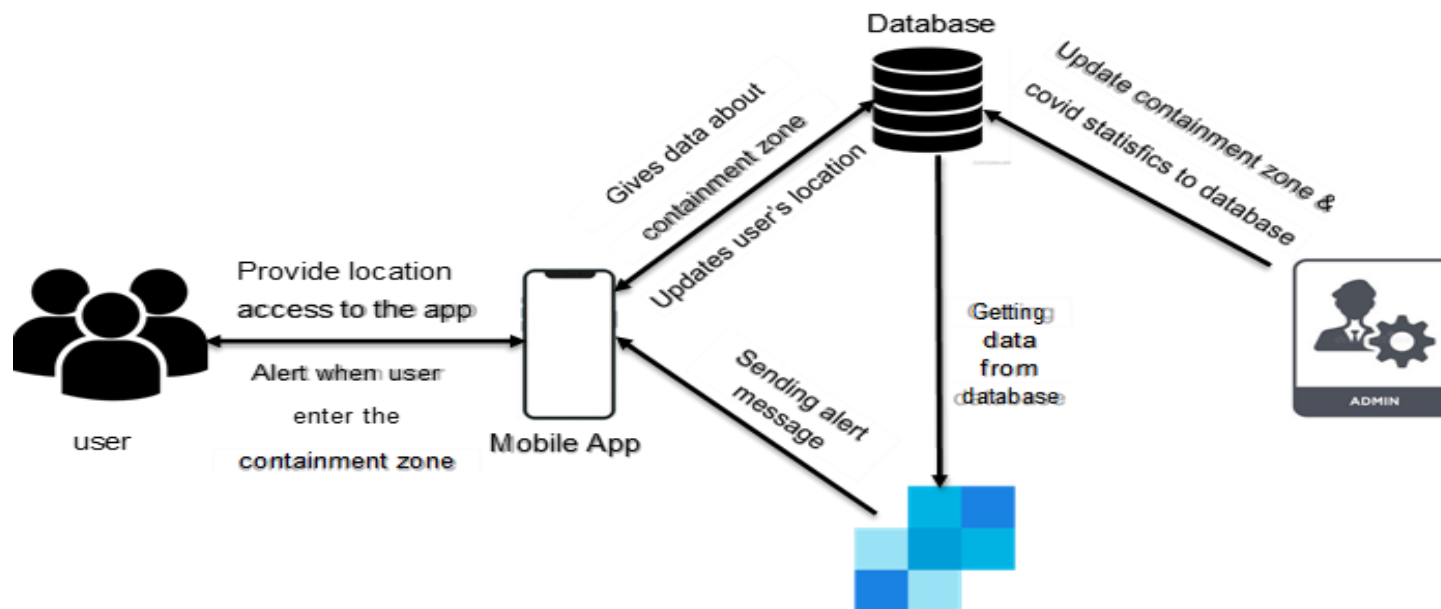
Data Flow Diagram & User Stories

Date	17 October 2022
Team ID	PNT2022TMID11463
Project Name	Containment Zone Alerting Application
Maximum Marks	4 Marks

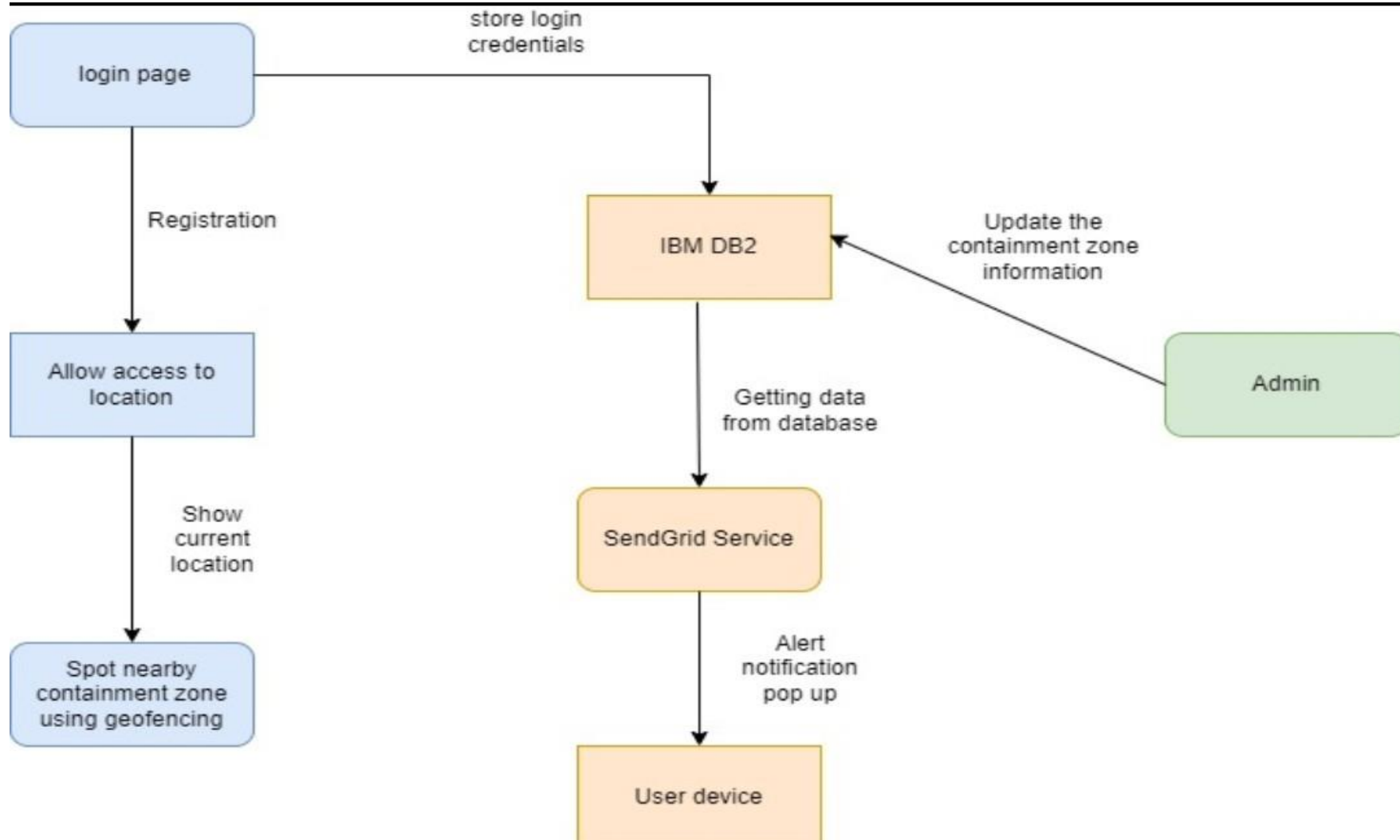
Data Flow Diagrams:

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.

Example: (Simplified)



DFD Level 0 (Industry Standard)



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-2
		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
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access it whenever I want its access	High	Sprint-1
	Dashboard	USN-6	As a user, I need to give permission to access My Contacts, Location, and Storage.	I get access to their services	High	Sprint-2
		USN-7	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
Customer (web user)	Registration	USN-8	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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Location Access	USN-9	As a user, I can viewed into the page, if there is any condition to access the location	Location can be turned through the control center.	High	Sprint-2
Administrator	Services	USN-10	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-11	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
		USN-12	As an admin, I need to provide preventive measures when they travel through it.	I got a remedy notification when I was in the pandemic area.	High	Sprint-3
	Data collections	USN-13	As an admin, I need to store all the user information on the cloud	I can access my information when I needed	Medium	Sprint-4