Project Design Phase - II

Contaiment Zone Alerting Application

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Project Design Phase-II
Technology Architecture

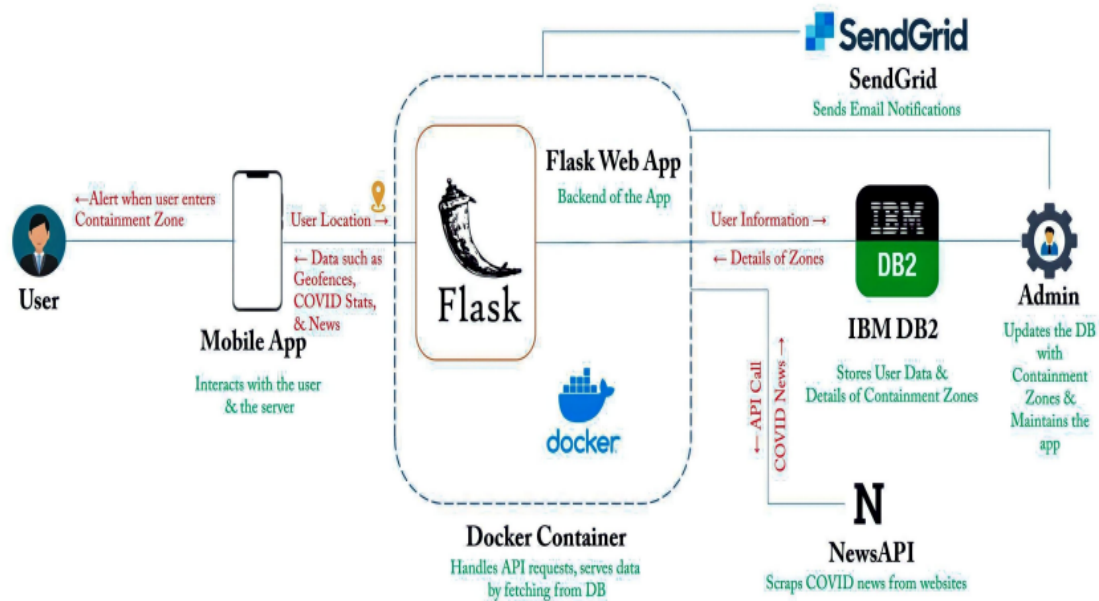| Date	15 October 2022
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Project Name	Project – Containment Zone Alert Application

Technical Architecture:

Table-1 : Components & Technologies:

S No	Component	Description	Technology
1.	User Interface	User access to the application through the mobile application.	HTML, CSS, JavaScript ,Flask
2.	Application Logic-1	Creating an application interface	Python & Flask
3.	Application Logic-2	Creating an AI assistant that gives medical services to the user.	IBM Watson Assistance
4.	Application Logic-3	Sending notifications to the user when he is in a contaminated zone.	SendGrid services
5.	Cloud Database	DB2 product is extended with the support of Object- Oriented features and non-relational structures with XML	IBM DB2
6.	File Storage	Files are stored in the local storage as cache and storedin the cloud.	IBM Block Storage or Other Storage Service or Local File system
7.	External API-1.	Use this REST API to manage locations. Get all locations. URI,/admin/resources/locations. Method, GET.	IBM Location REST API
8.	Infrastructure (Cloud)	IBM Cloud App Configuration is a centralized feature-management and configuration service on IBM Cloud.	IBM Cloud Foundry & Kubernetes