Project Design Phase-II

Technology Architecture

Date	20 October 2022
Team ID	PNT2022TMID10417
Project Name	Project – Containment Zone Alerting Application
Maximum Marks	4 Marks
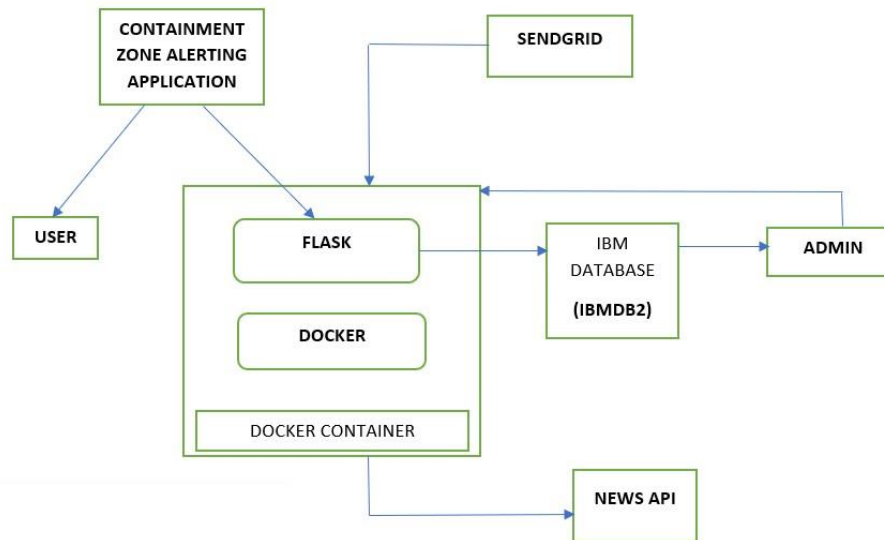
Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	The user interacts with the containment zone alerting application through GUI.	HTML, CSS, JavaScript
2.	Application Logic	Handles API request and serve data by fetching from DB	Docker container
3.	Cloud Database	Stores user data and details of the containment zone	IBM DB2
4.	External API-1	Scraps Covid-19 updates from websites	NEWS API
5.	External API-2	Sends e-mail notifications	SendGrid
6.	Infrastructure (Server / Cloud)	Application Deployment on Cloud	Kubernetes