Project Design Phase-I
Solution Architecture

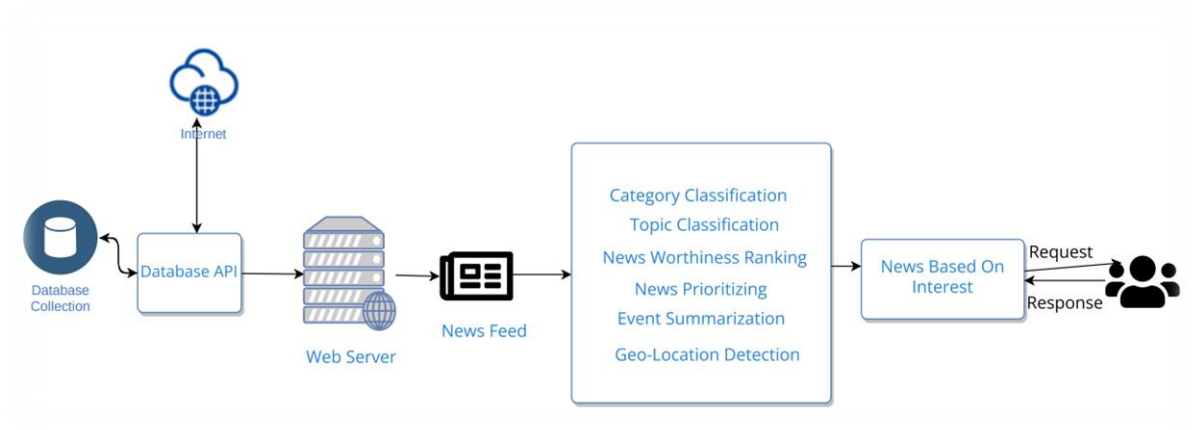| Date	16 October 2022
Team ID	PNT2022TMID06095
Project Name	NEWS TRACKER APPLICATION
Maximum Marks	4 Marks

Solution Architecture:

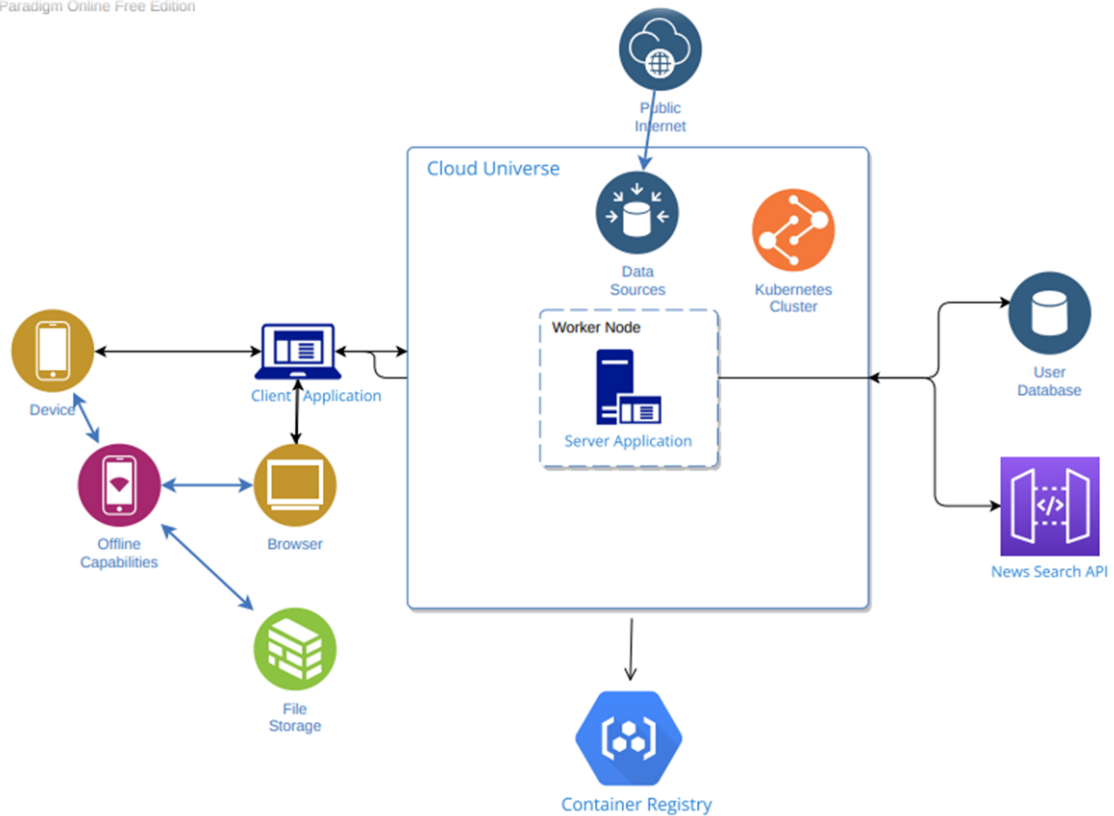*Figure 1: Architecture of the News Tracker Application.*

Figure 1: Data flow of the News tracker Application.

Reference 1:
https://drive.google.com/file/d/1Yov43TUAINw5obVLKkGQsxog8ya4iZUH/view?usp=sharing

Reference 2:
https://drive.google.com/file/d/1cbEvkVrF4QxAofjOdeWyNgwbfa0bo27y/view?usp=sharing

Internet

Database
Collection

Database API

Web Server

News Feed

Category Classification
Topic Classification
News Worthiness Ranking
News Prioritizing
Event Summarization
Geo-Location Detection

News Based On
Interest

Request

Response

Public
Internet

Cloud Universe

Data
Sources

Kubernetes
Cluster

Worker Node

Server Application

Device

Client Application

User
Database

Offline
Capabilities

Browser

News Search API

File
Storage

Container Registry