Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	28 October 2022
Team ID	PNT2022TMID37100
Project Name	News Tracker Application
Maximum Marks	4 Marks
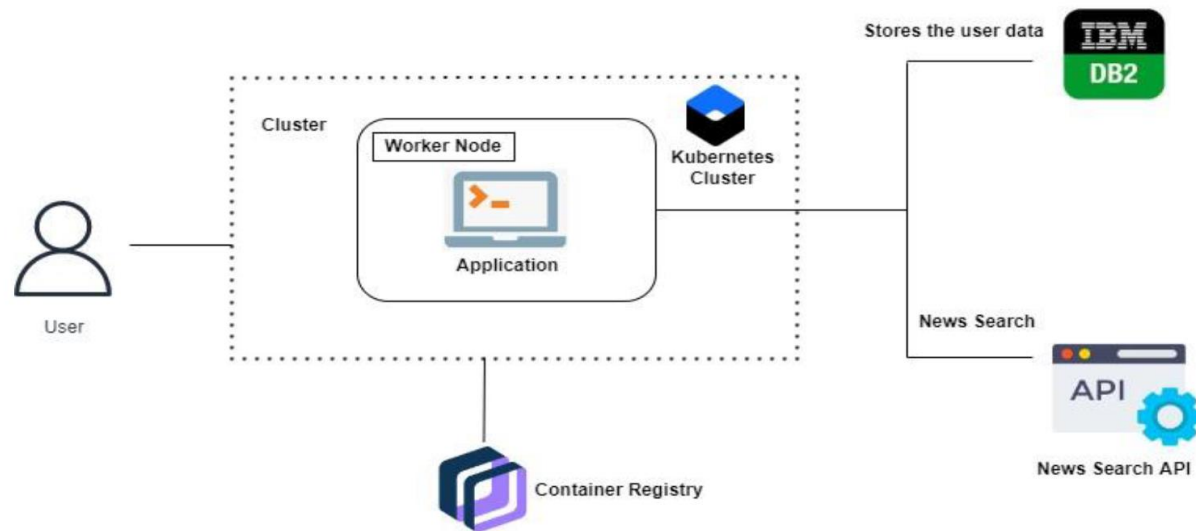
Table-1: Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Users can interact with application through Mobile App, personal system.	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	News articles depends on the database	Java / Python
3.	Application Logic-2	The graph like news can be viewed	IBM Watson STT service
4.	Application Logic-3	This application categories to view news articles	IBM Watson Assistant
5.	Database	The news articles are stored in the database	MySQL, NoSQL, etc.
6.	Cloud Database	With this cloud application, there are no media coverage issues	IBM DB2, IBM Cloudant etc.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Kotlin Application Deployment is faster to compile, lightweight, and prevents applications from increasing size	Java – Kotlin
2.	Security Implementations	This application is managed only by the admin	Database
3.	Scalable Architecture	It will forecast from the local news to world-wide news.	Kotlin
4.	Availability	This application is available for all the users through internet	Kotlin
5.	Performance	The updated news or old news will show without any interrupt	Kotlin