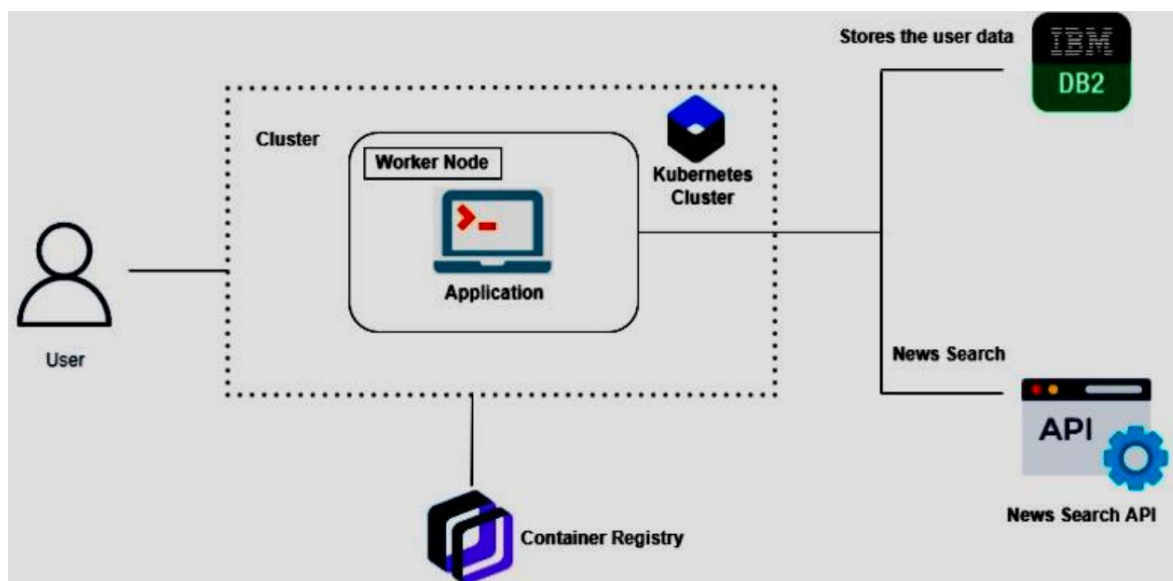


**Project Design Phase-II**  
**Technology Stack (Architecture & Stack)**

Date	19 September 2022
Team ID	PNT2022TMID32326
Project Name	News Tracker Application

**Technical architecture :**



**Table-1 : Components & Technologies:**

S. No	Component	Description	Technology
1.	User Interface	User interacts with the application using web development, which is used to get the information needed for the user.	HTML, CSS, JavaScript / React Js etc.
2.	Application Logic	The Logic depends on the extraction news from the database	Python
3.	Database	Data type , configuration etc.	MYSQL, NOSQL, etc.
4.	Cloud database	Database service on cloud	IBM DB2, IBM Cloudnet etc..
5.	File storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem.
6.	Infrastructure ( server/cloud)	Application deployment on local system / cloud local server configuration : Docker Cloud server configuration : Kubernetes	Local, Cloud Foundry, Kubernetes, etc.
7.	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
8.	External API-1	Purpose of External API used in the application	IBM Weather API, etc.
9.	External API-2	Purpose of External API used in the application	Aadhar API, etc.
10.	Machine Learning Model	Purpose of Machine Learning Model	Object Recognition Model, etc.
11.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration :	Local, Cloud Foundry, Kubernetes, etc.