Date	16-10-2022
Team ID	PNT2022TMID11404
Project Name	Nutrition Assistant Application
Maximum Marks	4 Marks

Technology Architecture :
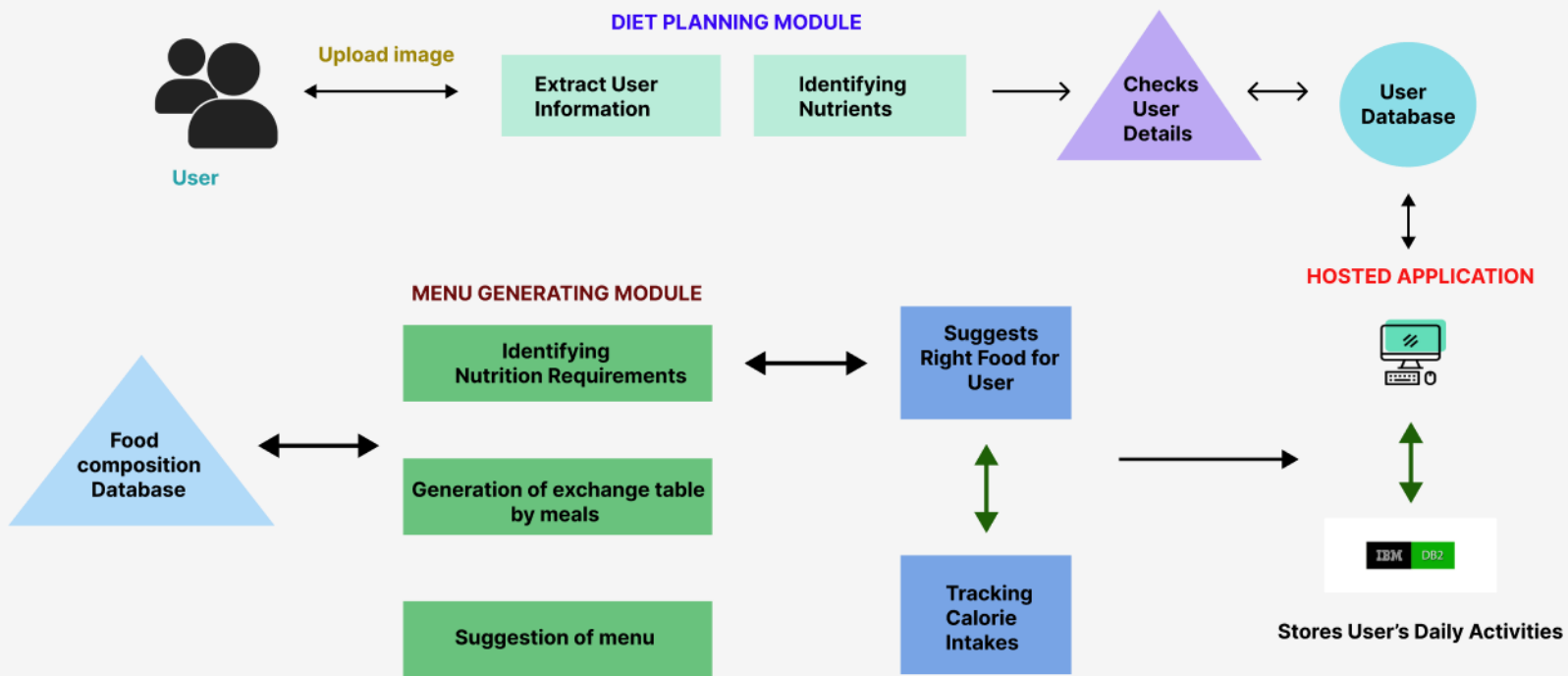
Table 1 : Components & Technologies

S.No	Component	Description	Technology
1.	User Interface	How user interacts with the application Eg. Web UI, Mobile App, Chatbot etc.	HTML, CSS, JavaScript
2.	Application Logic -1	Logic for a process in the application	Python
3.	Application Logic -2	Logic for a process in the application	IBM Watson STT Service
4.	Application Logic -3	Logic for a process in the application	IBM Watson Assistant
5.	Database	Data Type, Configurations etc.	MySQL
6.	Cloud Database	Database Service Cloud	IBM DB2
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
9.	External API -2	Purpose of External API used in the application.	Aadhar API
10.	Machine Learning Model	Purpose of Machine Learing Model	Object Recognition Model etc.
11.	Infrasctructure (Servie/Cloud)	Application Deployment on Local System/Cloud: Local Server Configuration: Cloud Server Configuration:	Local, Cloud Foundry, Kubernetes.

Table 2 : Application Characteristics

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Python Flask
2.	Security Implemenatations	List all the Security / access controls implemented, use of firewalls etc.	SHA-256, Encryptions, IAM Controls
3.	Scalable Architecture	Justify the scalability of architecture(3-tier, Micro Services)	IBM Cloud, IBM Database
4.	Availability	Justify the availability of the application	IBM Cloud
5.	Performance	Design consideration for the performance of the application	IBM Cloud