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

Date	21October,2022
Team ID	PNT2022TMID25899
Project Name	Demand Est. –AI Powered Food Demand Forecaster
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

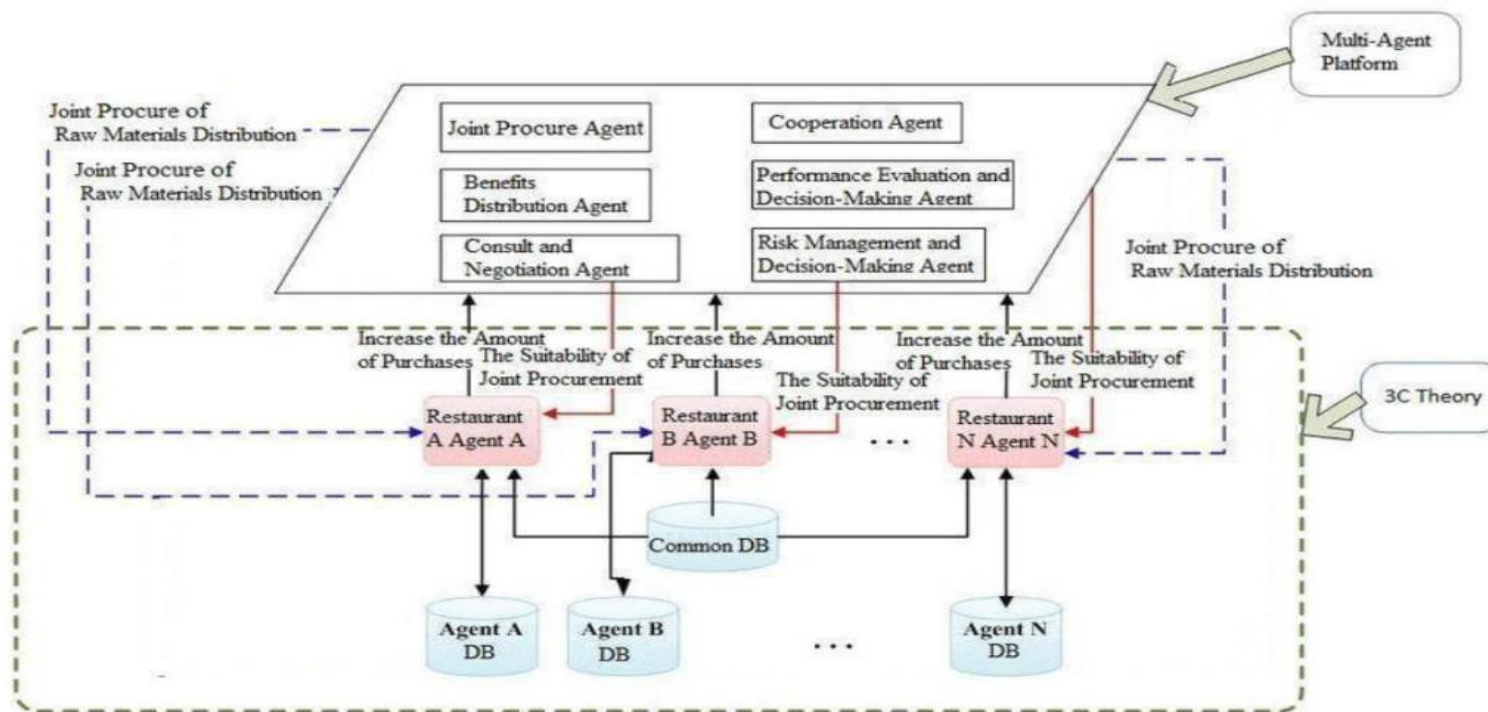**Example: Order processing during pandemics for offline mode**

Table-1: Components & Technologies:

S. No	Component	Description	Technology
1.	Customer	Producing the desired output	HTML, CSS, bootstrap.
2.	Restaurants	It includes all the goods and services that the food components of the restaurant meals.	Online transactions(Food delivery)
3.	Relocation	Used to reach the current location.	Google map, Geo Location.
4.	Platform owner	Wait for the delivery of the food items.	Mobile phones and online websites.
5.	Database Analytics	Data Type, Configurations etc.	MySQL, Mongo DB, etc.
6.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloud set etc.
7.	File Storage	User data information.	IBM cloud Storage or Other Storage Service or Local File system
8.	Amazon s3 bucket	Storage with data set access availability.	HTTP interference using interface.
9.	Competitive conditions	Purpose of External API used in the application	Notification services and ensure stability

Table-2: Application Characteristics:

S. No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Microsoft edge, online websites	Technology of Open source tools
2.	Security Implementations	Authentications through OTP.	Through mobile phones.
3.	Scalable Architecture	Based on quality. Based on taste.	Quality assurance Quality control.
4.	Availability	Available through online mode	Online system analysis
5.	Performance	Provide qualitative food Encourage customer loyalty. Boost sales.	Choice of method and test accuracy