## Project Design Phase-II

Technology Stack (Architecture & Stack)

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15 October 2022		
PNT 2022TMID37970		
DemandEst_ Al Powered Food Demand Forecasting.		
4 Marks		

## Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table 1 & table

2 Example: Order processing during pandemics for offline mode

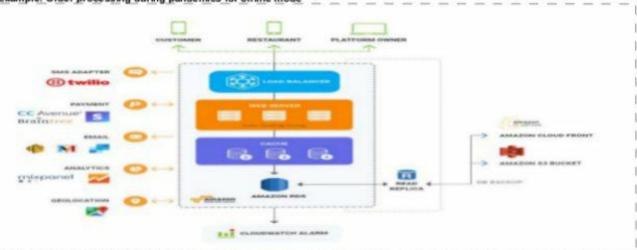


Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	Customer	By using Mobile App and Through online registration.	HTML, CSS, Javascript.
2.	Restaurant	It includes all the goods and services that the restaurant meals.	On line transactions
3.	Geolocation	Used to reach the destination.	Google map, user address.
4.	Platform owner	Wait for the delivery of food.	Mobile phones and online websites

5.	Database Analytics	Data Type, Configurations etc.	MySQL, NoSQL, etc.
6.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
7.	File Storage	User information.	IBM Block Storage or Other Storage Service or Local Filesystem
В.	Amazon s3 bucket	Storage with data availability.	HTTP interface :
9.	Cloudwatch alarm	Purpose of External API used in the application	Notification services.

## Table-2: Application Characteristics:

S.N o	Characteristics Description	Technology
1.	Open-Source Frameworks Google chrome, on line websites	Technology of Open Source framework
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	Online system

Performance Provide qualitative food Encourage customer loyalty. Boost sales.

Testing shows preference for mistakes. Detecting the defect within a software.

## Technical Diagram:

