Project Design Phase-II

Technology Stack (Architecture & Stack)

Date	13 October 2022
Team ID	IBM-Project-38519-1660381998
Project Name	DemandEst - AI powered Food Demand Forecaster
Maximum Marks	

Technical Architecture:

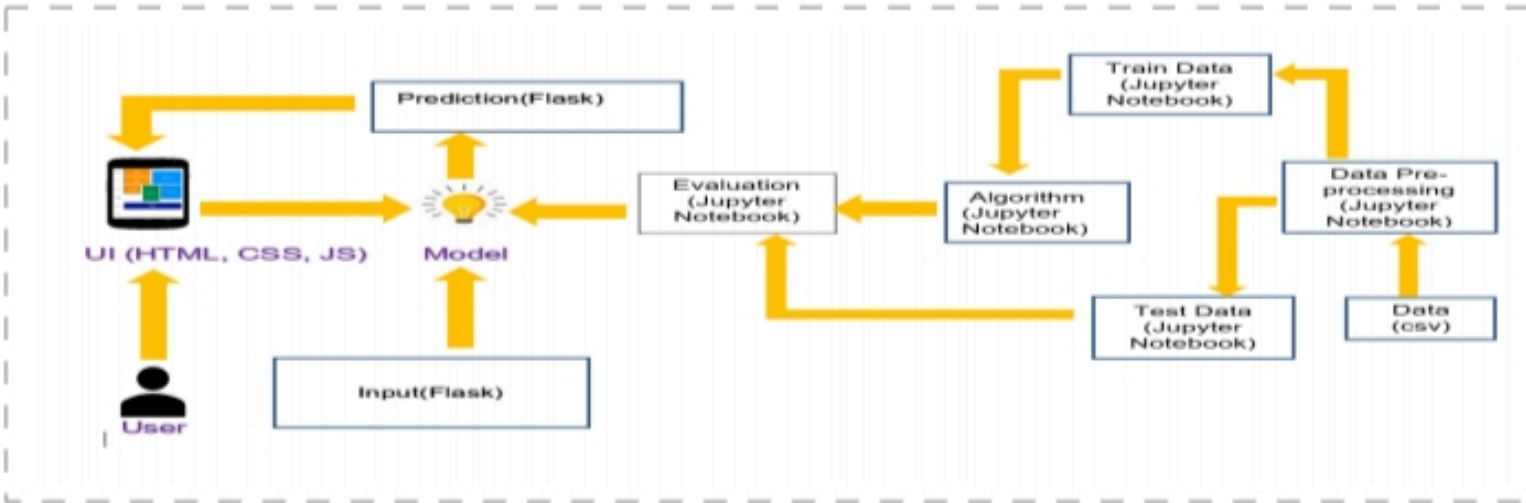The Deliverable shall include the architectural diagram as below and the information as per the given tables.

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	UI	User Interface for Food demand estimation	HTML, CSS, JavaScript
2.	Input and Output	Gets input from user and displays the predicted output using Flask. It uses Get and Post HTTP methods to backend for processing	Flask
3.	Evaluation and algorithm	Uses python libraries like NumPy, pandas, matplotlib, Sklearn, seaborn for processing, training and testing data from .csv files	Jupyter notebook