Project Design Phase-I

Solution Architecture

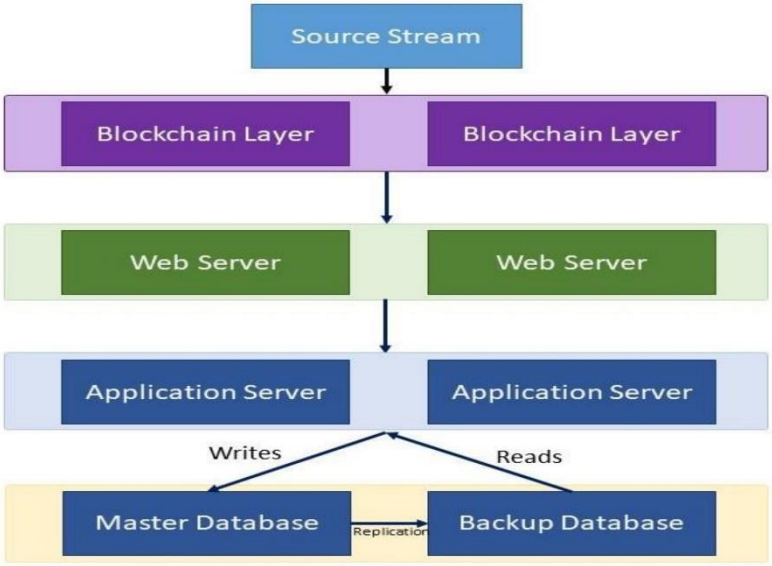
Date	24 NOV 2022
Team ID	NM2023TMID11919
Project Name	Food Tracking System
Maximum Marks	4 Marks

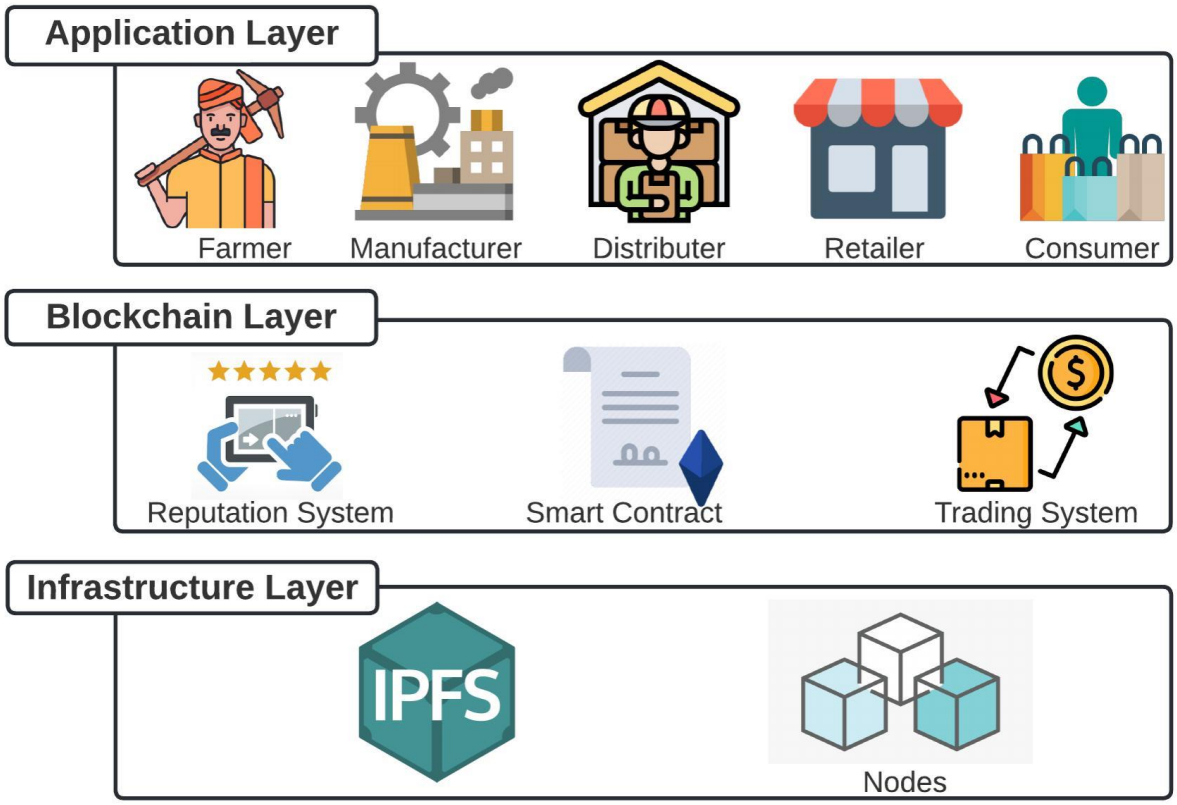
Solution Architecture:

A solution architecture is an architectural description of a specific solution. Solution Architecture combine guidance from different enterprise architecture viewpoints (business, information and technical), as well as from the enterprise solution architecture. It goals are to:

- General features such as data sharing options, sign-up, etc. are crucial for enhancing the user experience of food consumption tracking and recommendation apps. So best tech of existing system .
- Food traceability is the ability to follow the movement of a food product and its ingredients through all steps in the supply chain, both backward and forward. Traceability involves documenting and linking the production, processing, and distribution chain of food products and ingredients.
- By enabling the tracking and monitoring of food products throughout the supply chain, food traceability systems can protect public health, ensure compliance with regulations, improve supply chain efficiency, and enhance consumer trust.
- The restaurant delivery management software automatically accepts new orders and then sends an alert to the kitchen manager and the delivery driver. The software also sends a tracking link to the customer via WhatsApp or SMS. It then designs the delivery route and clubs the orders considering various parameters like delivery location, delivery time, maximum orders that can be allocated to a rider, and more.

Example - Solution Architecture Diagram:





Prerequisite

1 download node.js : Node.js

2 download vs code: **Li4nk**

3 download metamask : https://metamask.io/

Steps to complete the project

Step 1:-

1. Open the truffle project and download the

truffle file.Extract all truffle files

Step 2 :

1.Open vs code in the left top select open folder. Select extracted file and open .

2. Select the projectname.sol file and copy the code.

3. Open the remix ide platform and create a new file by giving the name of projectname.sol and paste the code which you copied from vs code.

4. Click on solidity compiler and click compile the projectname.sol

5. Deploy the smart contract by clicking on the deploy and run transaction.

6. select injected provider - MetaMask. In environment

7. Click on deploy. Automatically MetaMask will open and give confirmation. You will get a pop up click on ok.

8. In the Deployed contract you can see one address copy the address.

9. Open vs code and search for the connector.js. In contract.js you can paste the address at the bottom of the code. In export const address.

10. Save the code.

Step 3:

open file explorer

1. Open the extracted file and click on the folder.

2. Open src, and search for utiles.

3 . You can see the frontend files. Select all the things at the top in the search bar by clicking alt+ A. Search for cmd

4. Open cmd enter commands

    npm install

    npm start

5. It will install all the packages and after completing it will open {LOCALHOST IP ADDRESS} copy the address and open it to chrome so you can see the frontend of your project.