

## Project Design Phase-I

### Solution Architecture

Date	25 October 2023
Team ID	NM2023TMID00531
Project Name	Food Tracking System
Maximum Marks	4 Marks

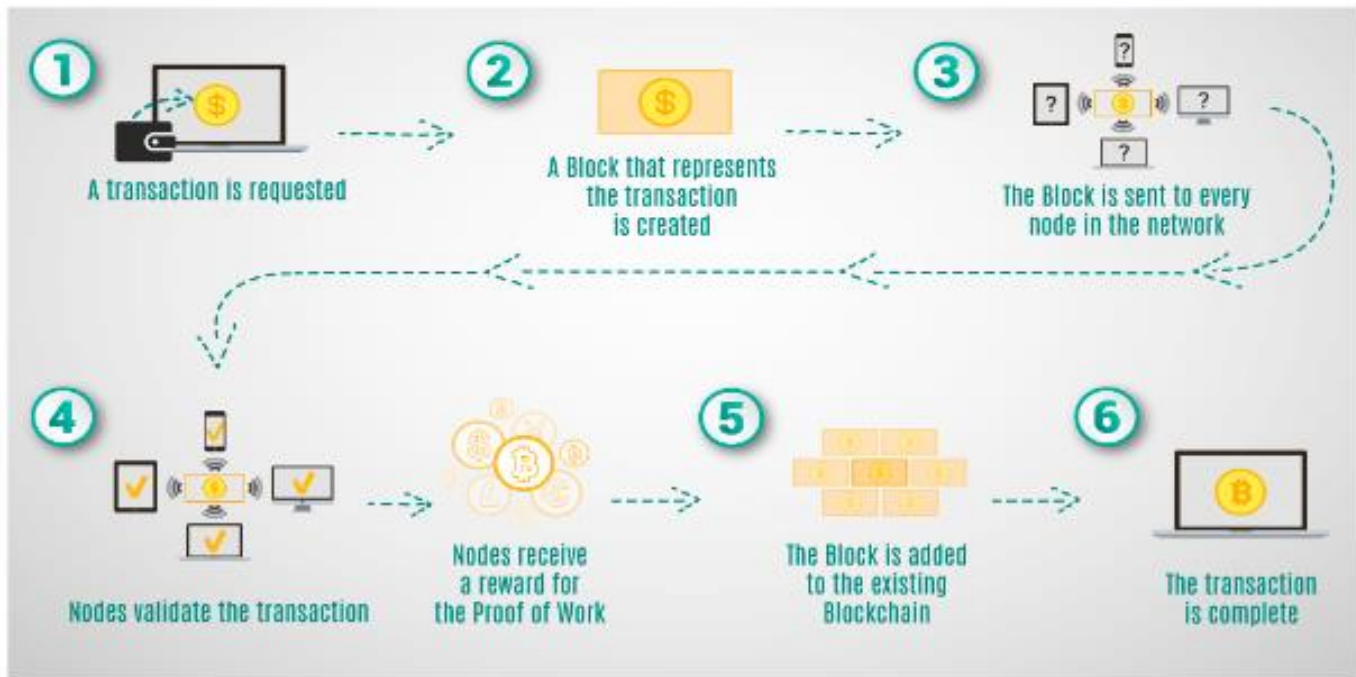
#### Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

Certainly, here's a succinct solution architecture for a food tracking system in four single-line points:

- Employ scalable SQL and NoSQL databases for **real-time food item** and supply chain .
- Implement APIs for seamless communication with suppliers, distributors, and retailers
- Create intuitive web and mobile interfaces for barcode scanning, reporting, and alerts.
- Design for scalability and apply robust security measures, including encryption and access

## Solution Architecture Diagram:



## Technical Stack

