

**GE19612**

Professional Readiness for Innovation, Employability & Entrepreneurship

# EXCESS FOOD MANAGEMENT SYSTEM

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# PROBLEM STATEMENT



How might we innovate to address urban excess food waste, hunger-related deaths, and create a logistic network with innovative technology and cost-effective storage solutions? This aims to efficiently transfer surplus food from cities to areas in deficit.

# Innovation Context



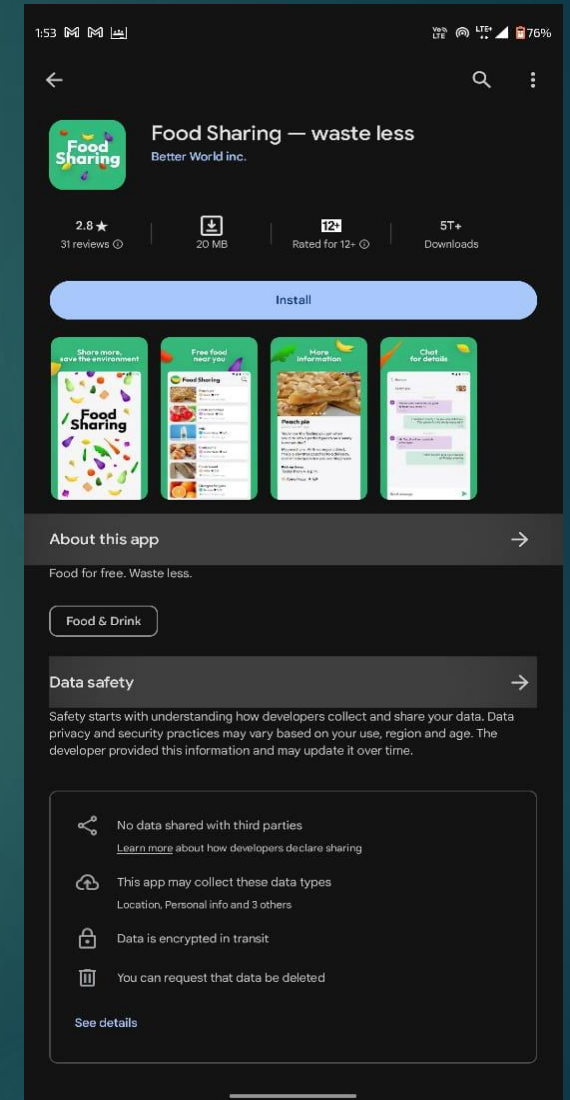
Create an application that facilitates the connection between surplus and deficient food resources within a community network.

# PROPOSED SYSTEM

The proposed Excess Food Management System is a mobile application aimed at facilitating the donation of excess food from hotels and marriage halls to orphanages within a specific region. The system will have two types of users: hotel users, who can post details of available excess food, and orphanage users, who can request and receive the food. The platform will provide features for user registration, food posting, search and filter functionality for orphanages, and an acceptance/rejection mechanism. The system aims to reduce food waste, provide food to those in need, and create a cost-effective solution for businesses to manage excess food.

# EXISTING SYSTEM

This is the existing application that displays the availability of food all over the world, through this information anyone can go and collect the food in that region.



# Innovative

- ▶ In our application it will be configured to do service in the specific region.
- ▶ This application is specially made for orphanages and hotels(including ceremony halls and hostel mess) so that they can only be able to log in through this application and get the food.

# Tech Stack and Tools

- ▶ Frontend:

- ▶ Flutter
- ▶ Dart



**Dart**

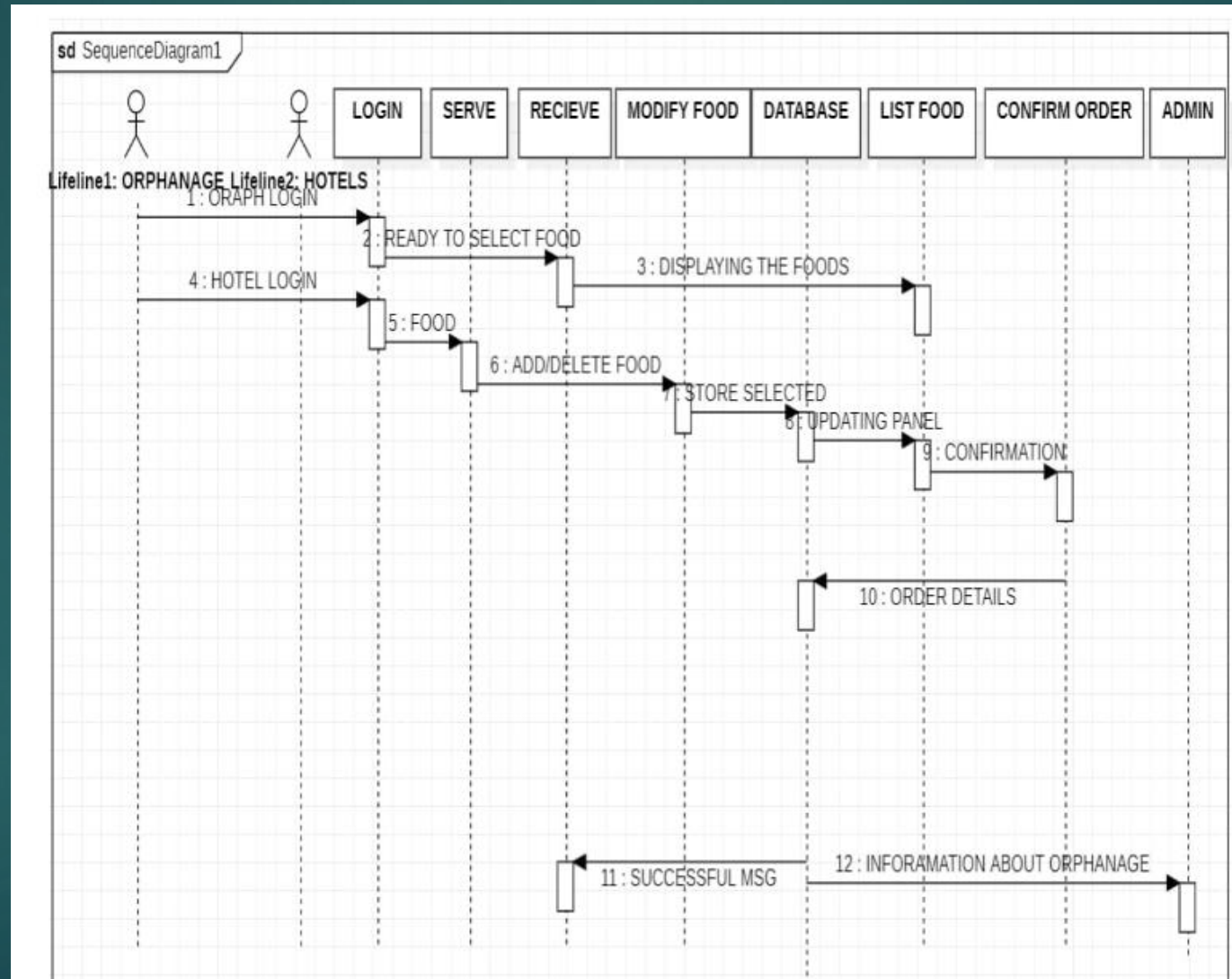
- ▶ Backend:

- ▶ NodeJs
- ▶ Express Js
- ▶ Mango DB



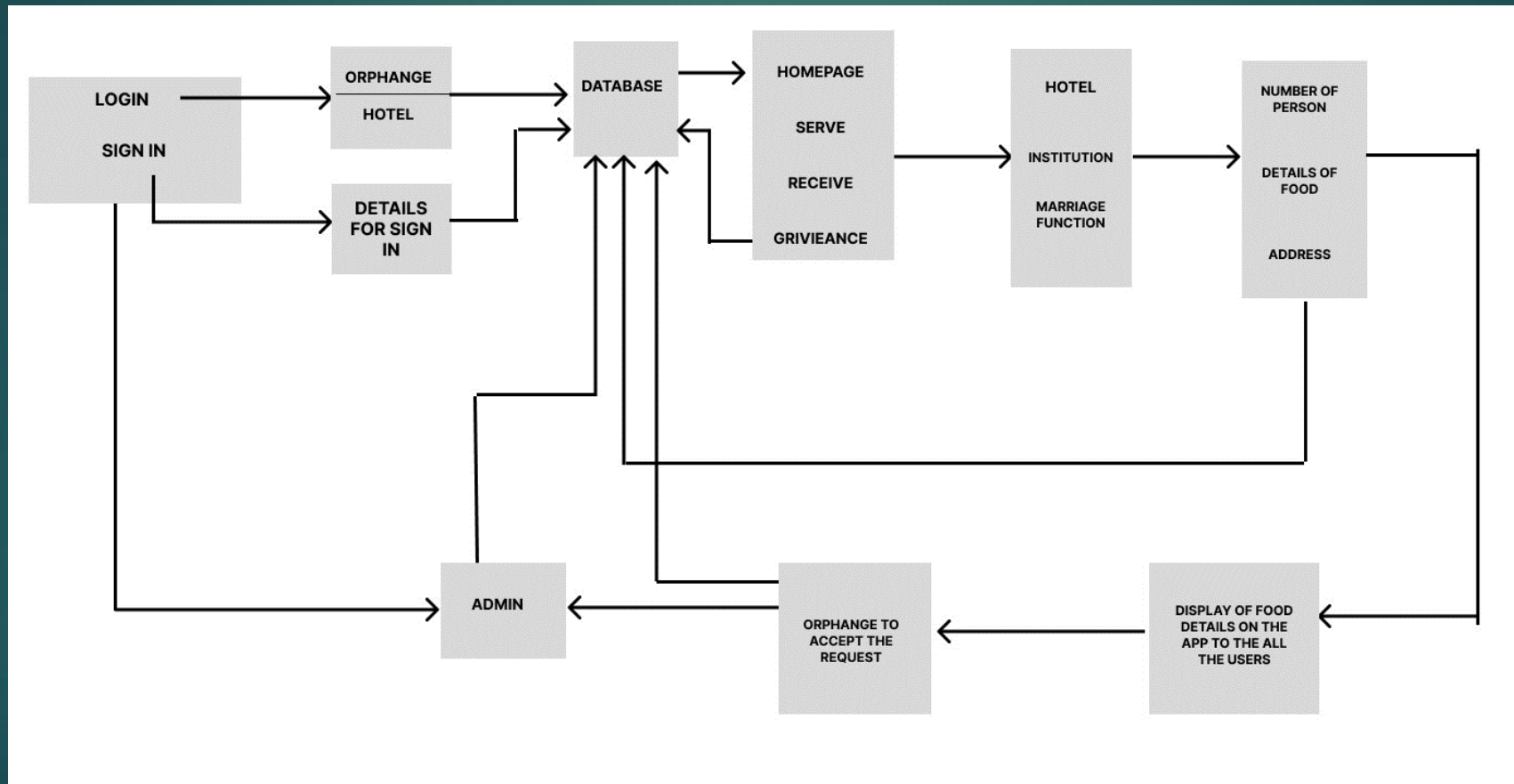


# Sequence Diagram





# Architecture Diagram





**Thank You**