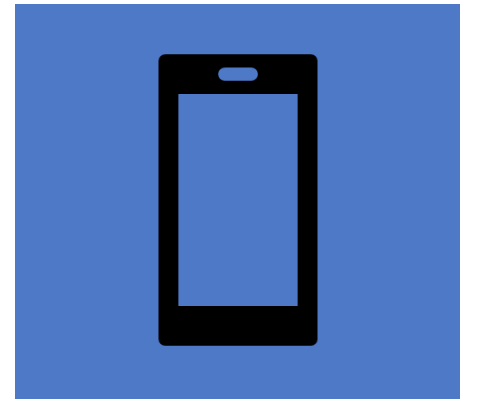# NoFoodWaste- A Smart Android application to reduce food wastage

Agenda

- Problem Statement
- Existing Systems
- Proposed System
- Architecture
- Technical Stack
- Features

Problem Statement

- To develop a Smart android application helping reduce food wastage by providing the facility to donate leftover food.
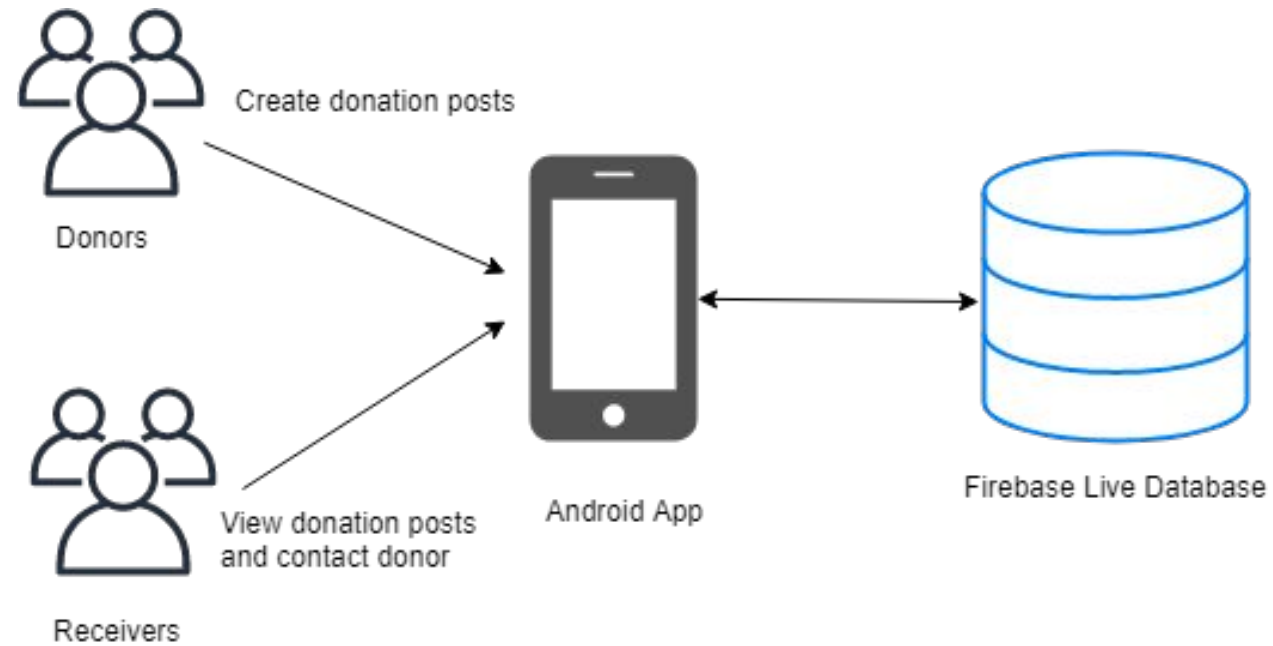
Existing Systems

Chowberry : is a Nigeria-based app that allows users to find products close to expiration offered at Nigerian supermarkets (but still safe to eat) at deep discounts.

Olio : is an app that connects neighbors and local businesses in England to each other enabling them to share surplus food instead of wasting it.
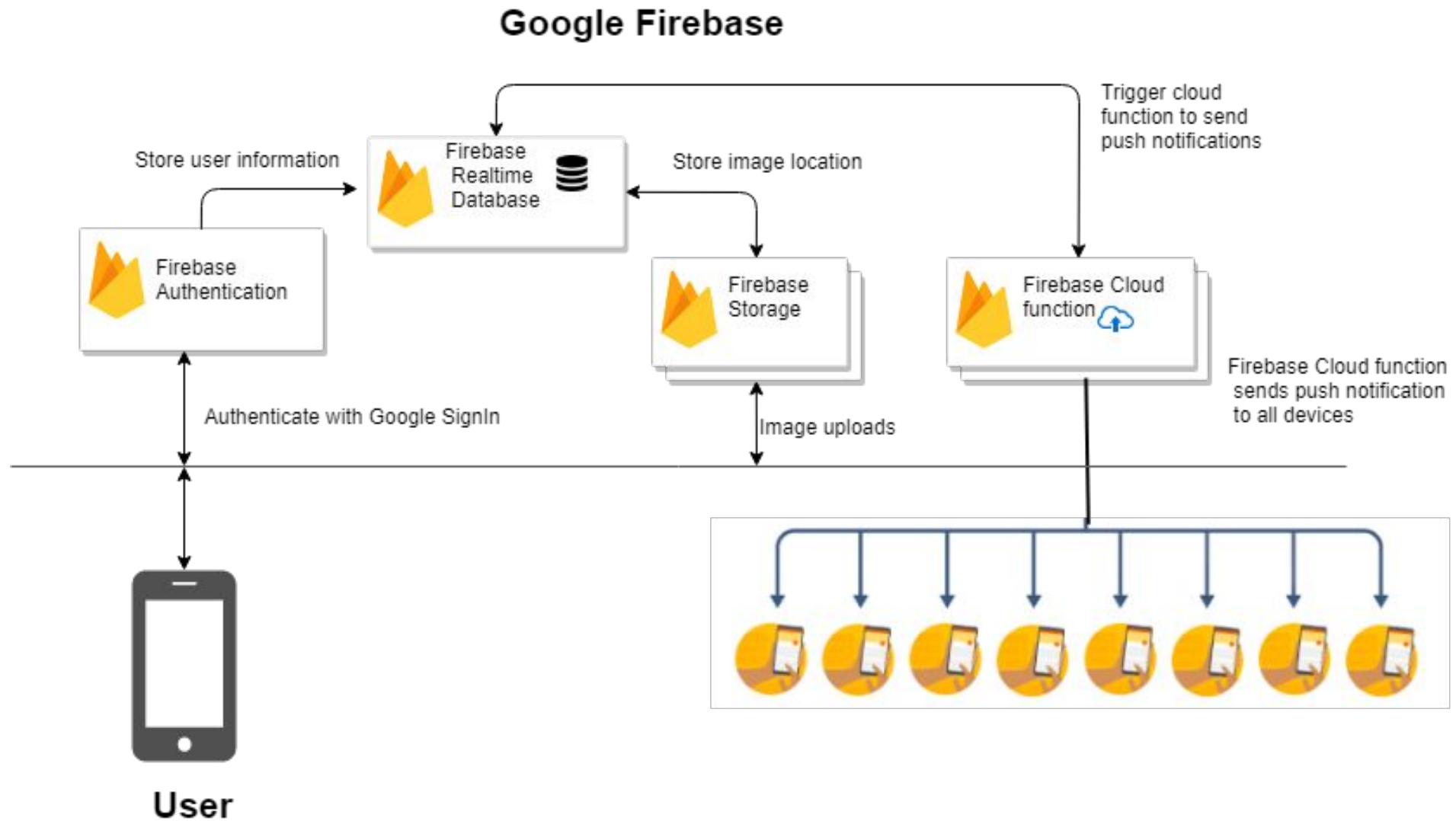
Tango Tab : TangoTab offers users in Dallas, Texas, discounts at local restaurants that they can activate by checking in. For every customer who checks in through the app, TangoTab generates a "Success Fee" that is used to support a local food organization and cover the cost of a meal for someone in need.

Proposed System

- The proposed system has been developed to make the process of donating and receiving donated food easy and flexible
- The live database helps in keeping the system dynamic and up-to-date.

Architecture

Technical Stack

- Java
- XML
- Node.js
- JavaScript
- Google Firebase Services
  - Firebase Authentication
  - Firebase Storage
  - Firebase Realtime Database
  - Firebase Cloud function

Features

User	Feature	Purpose
Features common to both user categories	Login to the application using Google Sign In	Easy one click login
	Choose User category	To separate users into two categories
Donor: The donor is the business party who has excess food to be donated	Enter store details	To maintain business information
	Create post	To notify receivers free food is available
	Thank you page	Confirming the donation post
Receiver: The receiver is a standard user of the application who is in need of food donations	View List of donation posts available	View list of all the available free food options
	View details of a specific post	See details of a specific donation post
	Contact donor	To coordinate pickup of the food

THANK YOU