

2m

Overview

An app that allows us to view and order food items in one place.

Purpose

To make the access to the menu of restaurants easier and introduce a streamlined food delivery system in the campus.

Features

We wanted to keep the interface simple, so we divided the whole app into three tabs – home, cart and account.

Home

This page contains the list of popular restaurants. A continuous horizontal scrolling card shows adverts. The search bar searches both restaurants and dishes.

Tapping on a restaurant card opens a detailed view showing its menu, which is categorized type-wise. A filter bar is present above the menu that lets you switch between veg, non veg, or both.

Cart

Dishes appear in the cart as you add them. The cart can hold dishes from a single restaurant. The quantity of each dish can be changed with the + and – buttons. It also shows a simplified bill.

The checkout button proceeds to the payment page, and confirms the order after a successful payment. It then shows a waiting screen that displays the ETA. There are further options for calling the restaurant or cancelling the order.

Account

Most of the settings are in the accounts page.

Stacks

Tech stacks we used are

- Firebase_auth to allow login via a google account,
- Firebase_core for storing data of payments and orders
- GetX controller for state management
- Razorpay API for our payment interface,
- flutter_local_notifications for our push notification service,
- rive and lottie for animations,
- go_router for page routing,
- fluttertoast to show toast messages,

Possible improvements

These improvements could have been implemented if we had more time.

- UI of the app
- Include more recommendations.
- Link with firebase firestore for the restaurants to have a seamless food delivery experience.
- Integrate Google maps to show live tracking of food and giving the consumer to choose their location other than the locations provided in the drop down menu. For this purpose we will have to enable billing account on google cloud console which is not free.