



QR Code based Queueing Assistance in Android

Overview



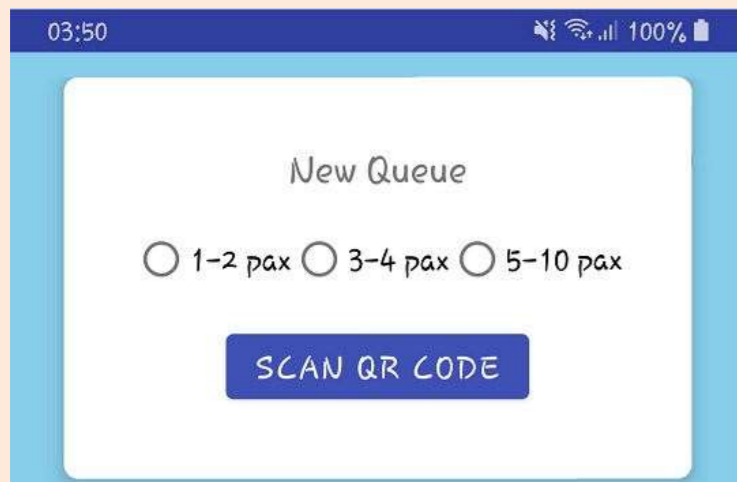
Restaurants has implemented virtual queue system which issues a queue ticket to customers and notify them through SMS or phone call upon reaching their turn. However, customers have no information about the queue status when they leave the restaurant as the queue status screen is usually located at the entrance of the restaurant.

By combining existing virtual queue system and QR code, we developed an android application **“Quezee”** that issues queue number to customers upon scanning of QR code provided by the restaurants and displaying of queue status.

Quezee: Customer Application

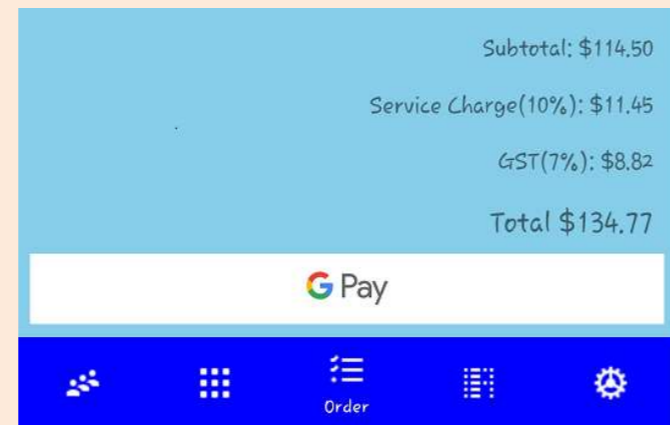
“Quezee” offers more than just virtual queue system, it is a one-stop solution for restaurants which handle from queue system to ordering of food and finally making payment through Google Pay.

New Queue



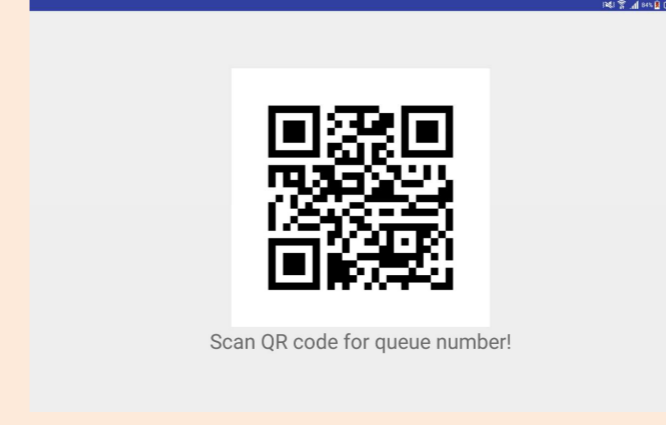
QR scanner using ML Kit for Firebase.

Cashless



Make cashless through Google payment Pay.

QR Code



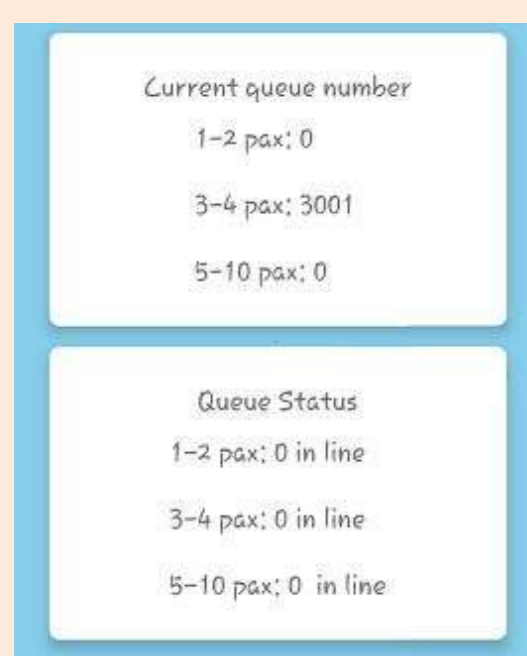
Generate dynamic QR code for security reasons.

Kitchen Order



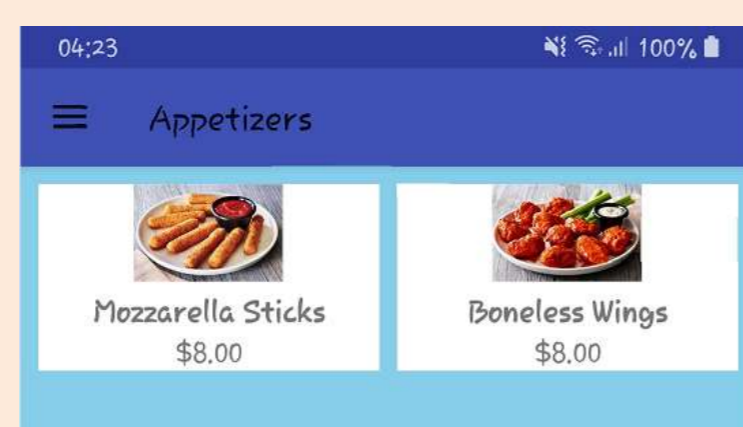
Staff able to update the status of the customer’s order.

Queue Status



Display restaurant queue status in real-time.

Order Menu



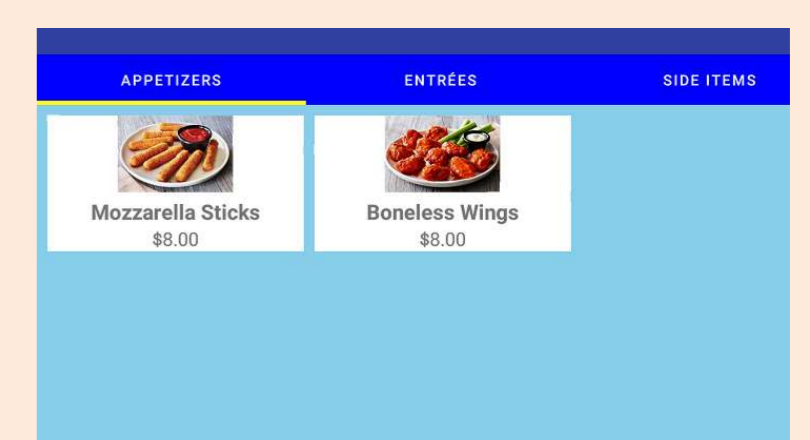
Customers are able to order foods from the menu provided.

Change Seat



Staff are able to change seat for customers. Color codes are used to indicate seat status.

Customize Menu



Staff are able to create or edit new item in the menu.

Technology Used

