

# Rapido



# Video



# **Android Patterns and Technologies**

# Technologies Used

- GPS to track location.
- Camera
  - Used to scan a QR code
- Notification
  - Used to update user about the status of their order
- Calling feature, messaging, sending e-mail from the application.
- Firebase Database
  - Used to access restaurant information
- PHP Database Server Integration (backend)
  - Used to store and access login information and order history
- Services, Fragments, Activity

# Application Program Interfaces Used

- Google Places API
- Google Maps Direction API
- PayPal API
- Zomato API
- Facebook API
- QR Code Third Party API
- ShowCaseView API

# User Guide

# Major Application Features

- Advanced Ordering
- Notification - e-mail and SMS
- Maintain Order List
- Order History
- Google Maps API for a Nearby Restaurant
- Google Maps for finding direction and navigation.
- Present Restaurant Menu from a Particular Restaurant
- PayPal Payment
- QR Code
- In app user guide.

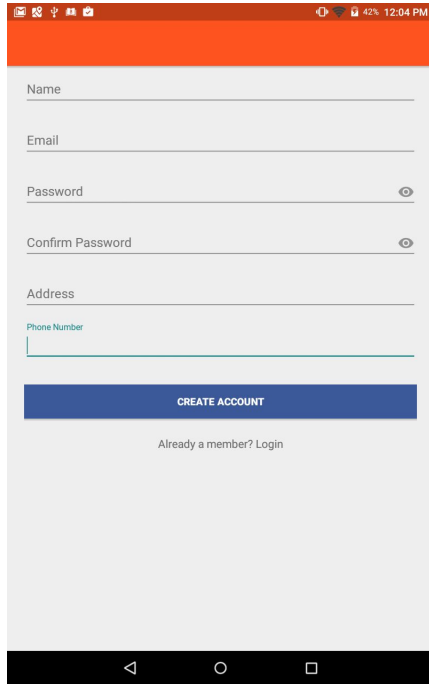
# Splash Screen



- Image with the logo of the application



# Sign-Up Screen



Sign-Up Screen

Name

Email

Password

Confirm Password

Address

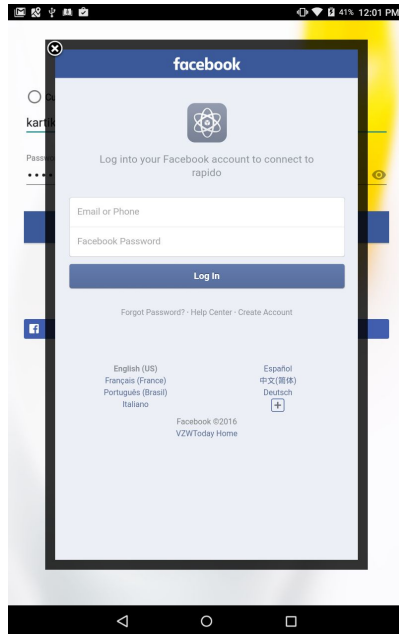
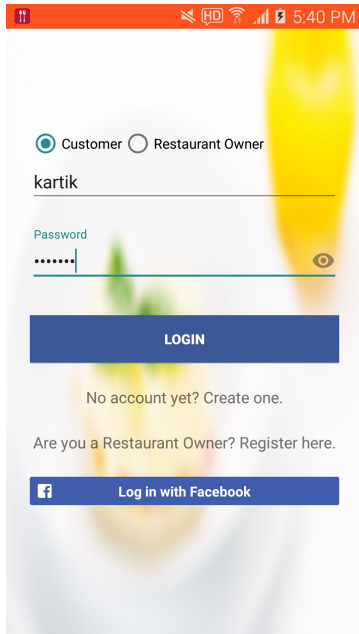
Phone Number

CREATE ACCOUNT

Already a member? Login

- Sign-Up Screen allows a **restaurant owner** or a **customer** to create an account with the application

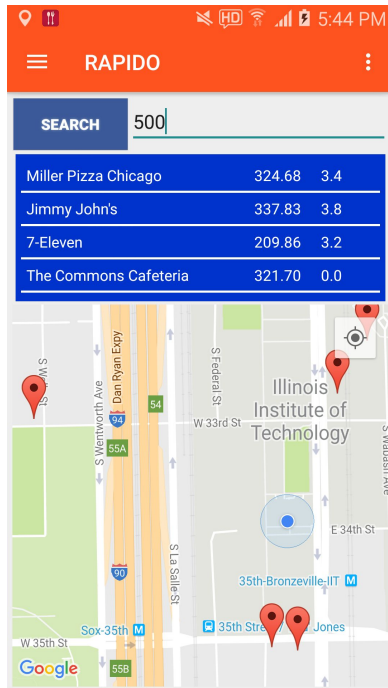
# Login Screen



- A screen that allows an already existing customer or restaurant owner to login
- A customer can also login using Facebook

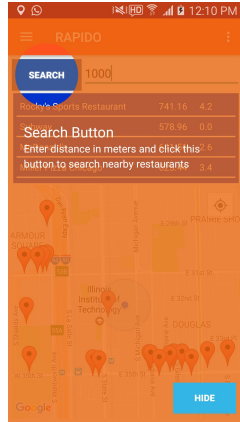
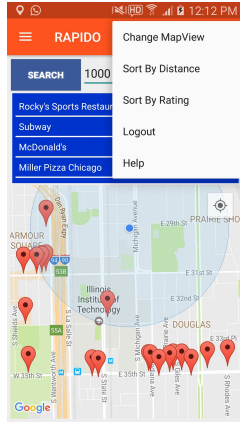
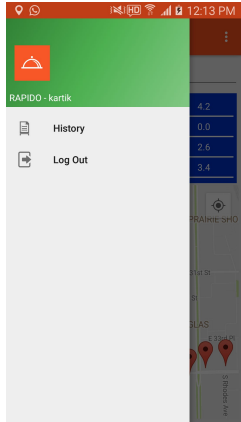
**Customer**

# Restaurants Near Me



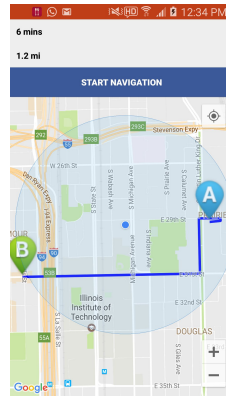
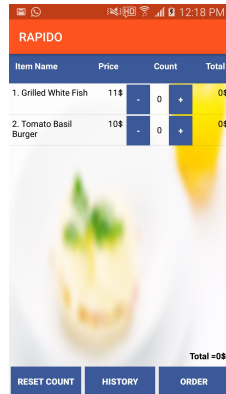
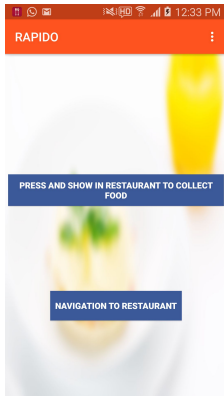
- A screen with a map showing nearby restaurants given a particular radius
- Restaurants are sorted by both **rating** and **distance**

# Other Features



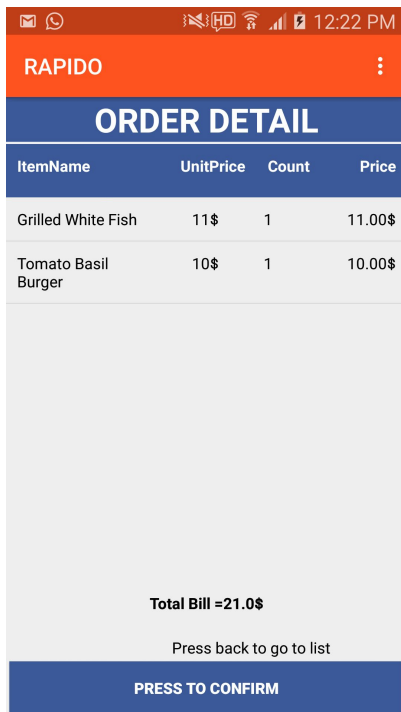
- Sidebar allows you to see your order history and to logout of the application
  - Toolbar menu allows you to change the map view, sort the restaurant list, and logout of the application
  - Help feature helps user navigate through application
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# Menu Screen



- Intermittent screen: can access menu and navigation activities
- Menu screen menu for a particular restaurant and their price
- Navigation allows customer to locate restaurant

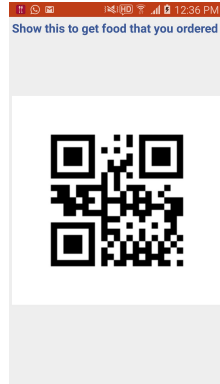
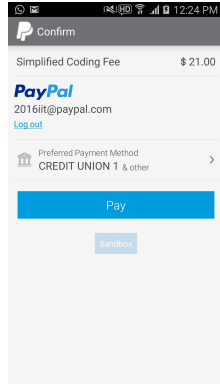
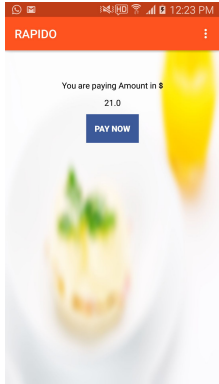
# Cart



RAPIDO			
ORDER DETAIL			
ItemName	UnitPrice	Count	Price
Grilled White Fish	11\$	1	11.00\$
Tomato Basil Burger	10\$	1	10.00\$
Total Bill =21.0\$			
Press back to go to list			
PRESS TO CONFIRM			

- All the items that user has selected will be displayed before checking out
- Cart will be cleared as soon as user checks out

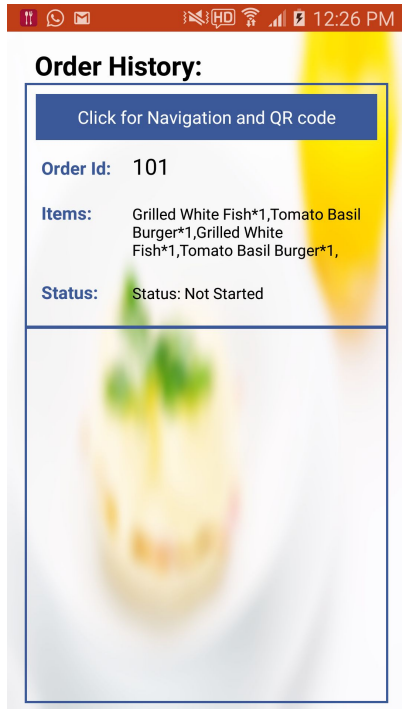
# Payment Page



- Once the user confirms their order, they then view their order detail
  - They are directed to a PayPal application to complete their order.
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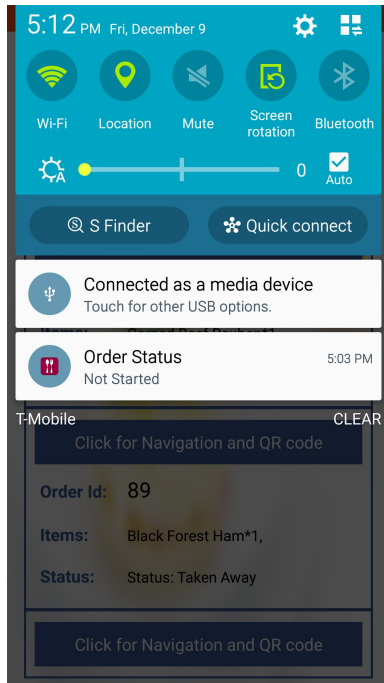


# Order History



- Order history screen where user can look up their past orders
- User can navigate to the QR Code and Navigation applications through this activity

# Alert Based on Status of the Order



- User will be notified about the status of the food he ordered in stages through **phone notification**, **e-mail**, and **SMS**

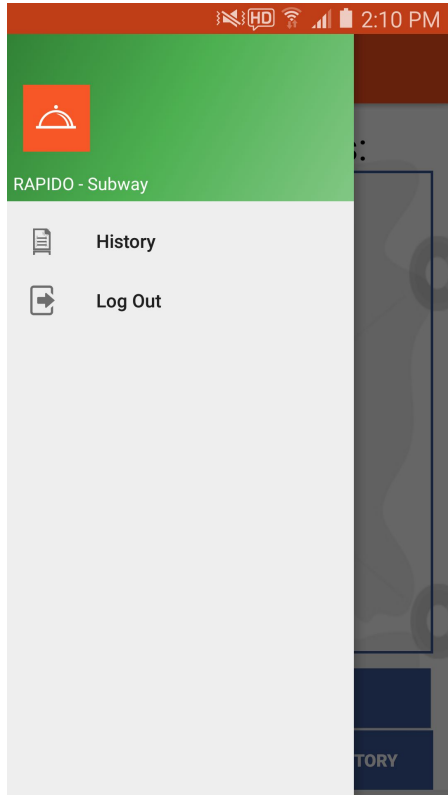
**Restaurant  
Owner**

# Pending Orders



- Allows the customer to view and process pending orders that are in the list

# Other Features

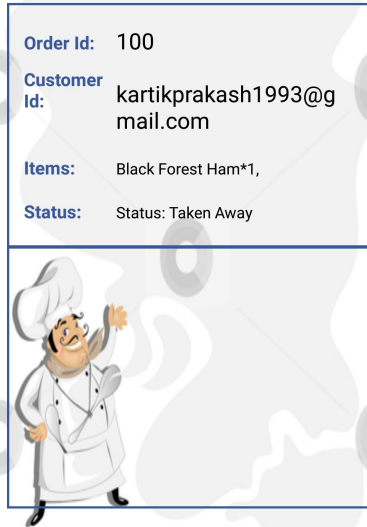


- Sidebar allows the restaurant owner to view the order history and logout of the application
  - E-mail, SMS, Calling Feature
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# Order History



## Order History:



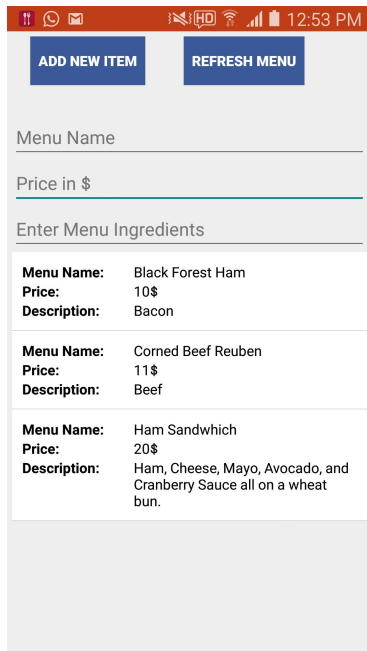
- Allows the customer to view the status of each order that has been made to their restaurant
- Depicts entire history

# QR Code Reader



- The built-in camera allows the restaurant owner to scan the QR Code of a customer to complete their order.
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# Adding Menu and Processing Order



The screenshot shows a mobile application interface for managing a restaurant menu. At the top, there is a status bar with various icons and the time 12:53 PM. Below the status bar, there are two blue buttons: "ADD NEW ITEM" and "REFRESH MENU". The main form area has three input fields: "Menu Name", "Price in \$", and "Enter Menu Ingredients". Below these fields, there is a table listing three menu items: "Black Forest Ham", "Corned Beef Reuben", and "Ham Sandwich". Each item has its price and description listed.

Menu Name:	Price:	Description:
Black Forest Ham	10\$	Bacon
Corned Beef Reuben	11\$	Beef
Ham Sandwich	20\$	Ham, Cheese, Mayo, Avocado, and Cranberry Sauce all on a wheat bun.

- Allows the restaurant owner to add a menu item to their menu.