FooDeliver Final Presentation

Team: yqz

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Overview

Foodeliver is an O2O platform that provides connection between online/physical restaurants and offline consumers.

Foodeliver offers both restaurant and consumer interfaces.

Restaurant owners can manage menu, receive orders and process delivery.

Consumers are able to browse or search restaurants, scan the menu and place orders.

Key-Partners	Key Activities	Value Propositions	Customer Relationships	Customer Segments
Restaurants	Customers search restaurants Customers place order Customer check and update order status Customer manage profile Restaurant manage menu Restaurant check, process and update order status Restaurant manage profile	Help customer order food in a more efficient and effective way Help restaurant enlarge customer groups and business	Customer coupon **Channels** Android mobile device	People who want to order food in an efficient and effective way including students and professors

Cost Structure	Revenue Streams
Android device rental fee (free) Android application development cost	Grants from restaurants and customers

Diagram 0: Main Page

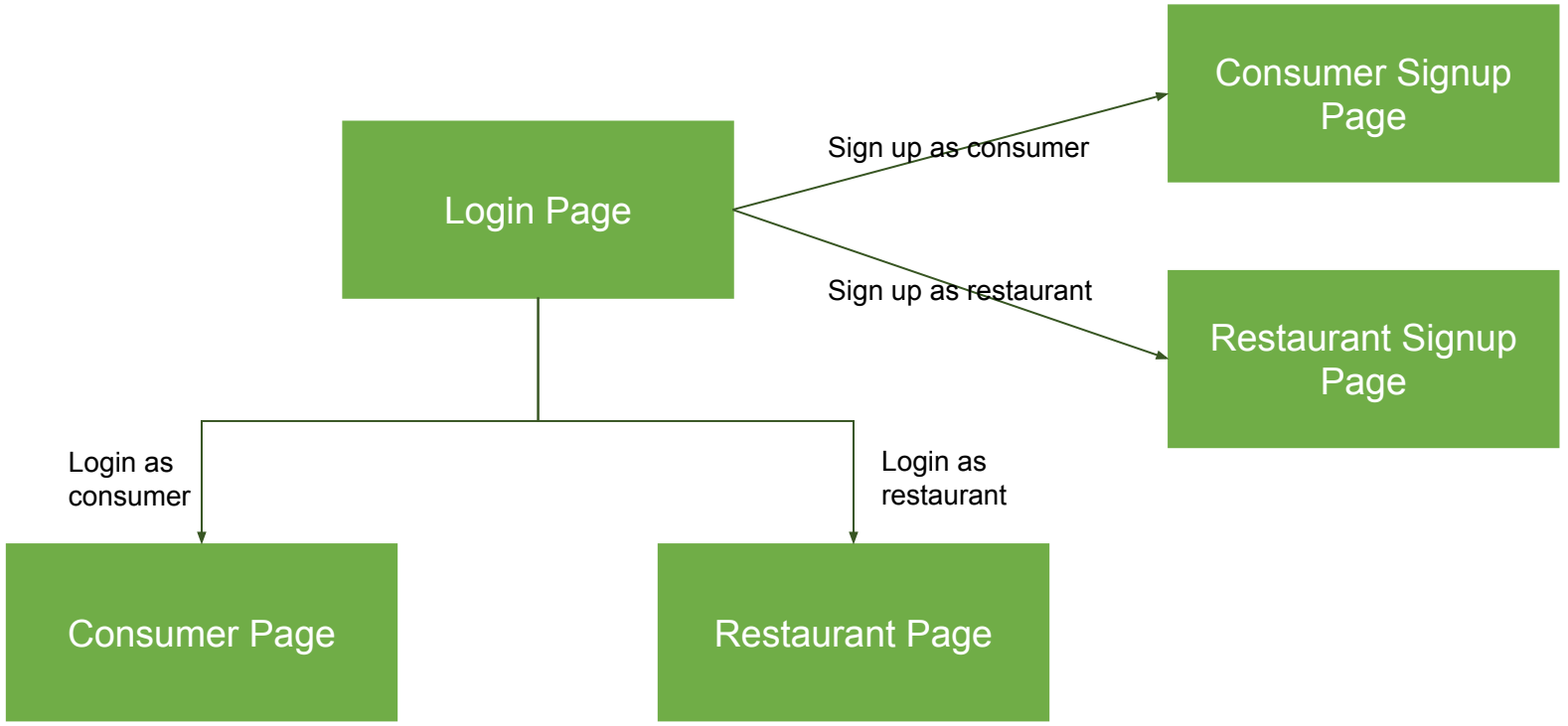


Diagram 1: Consumer Page

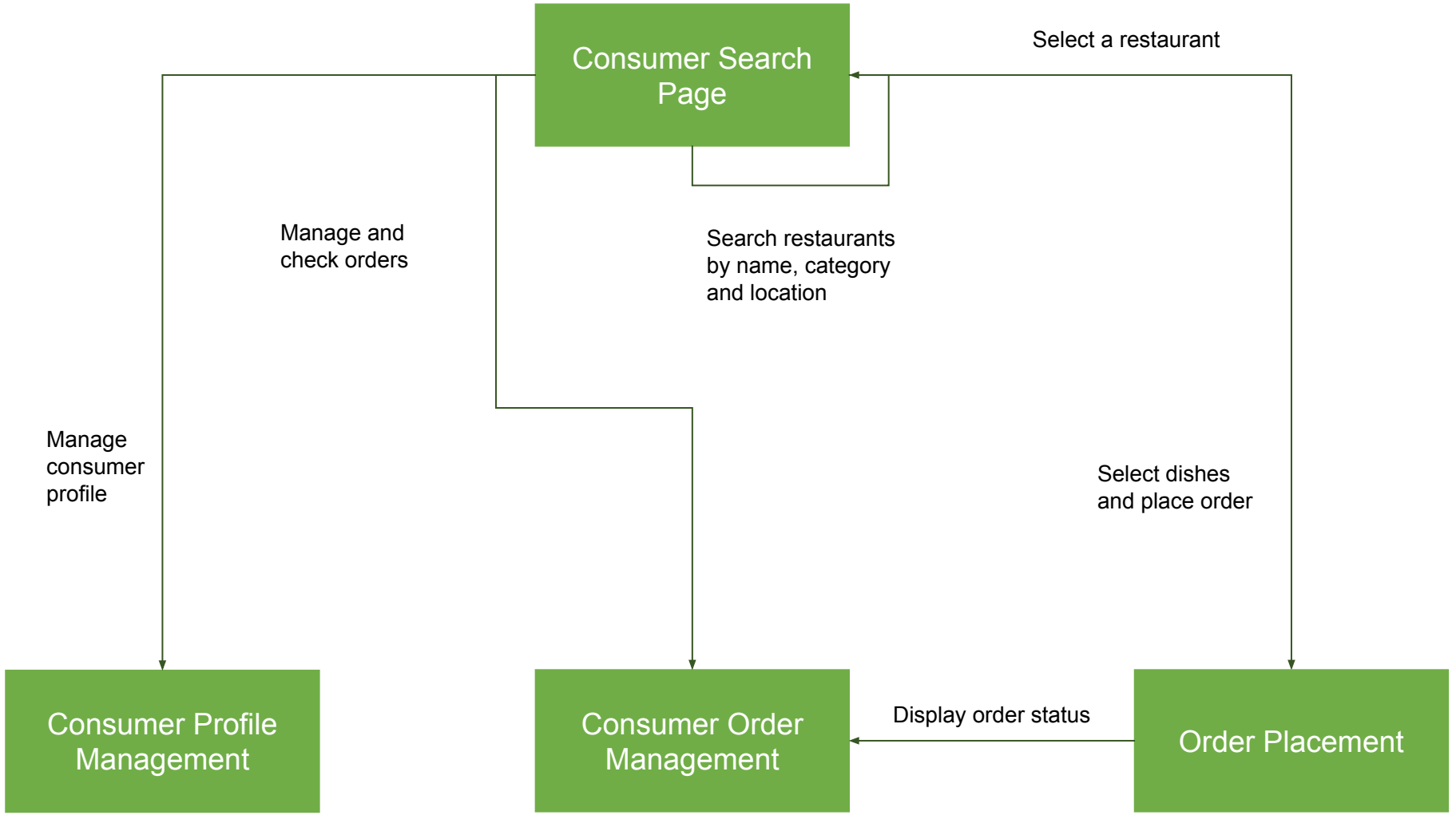
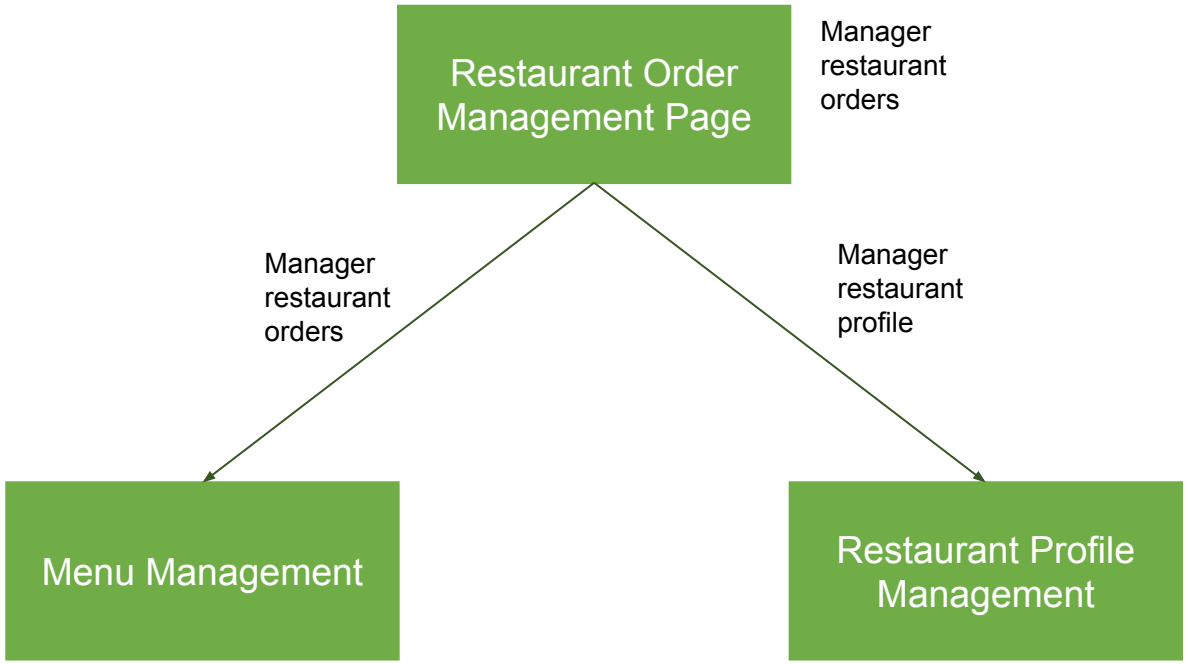
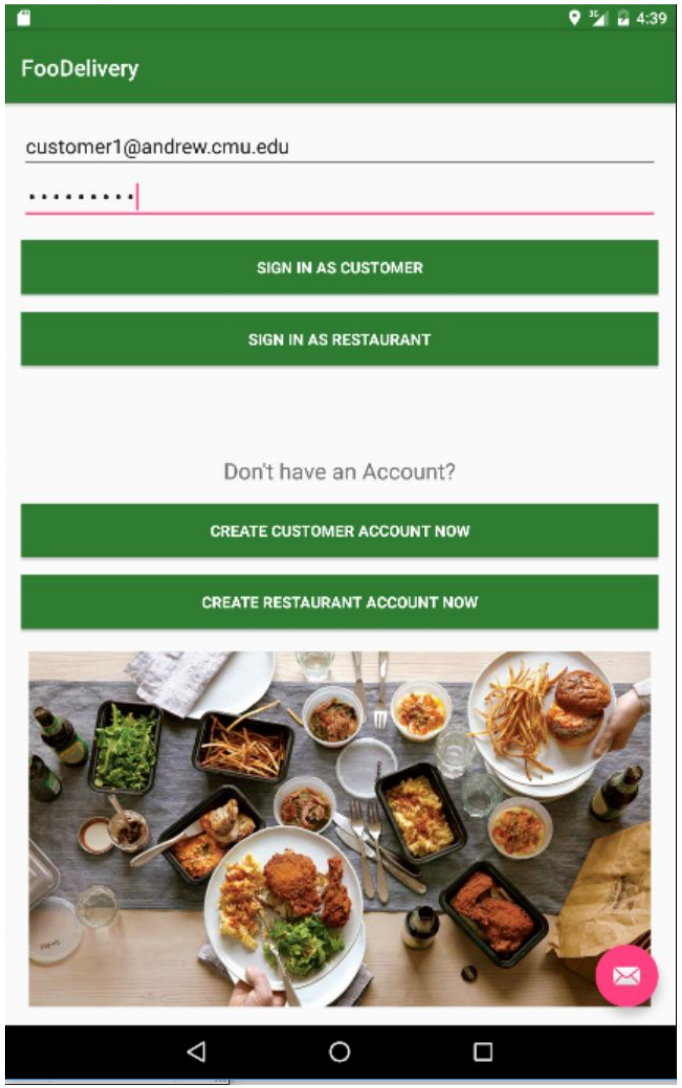
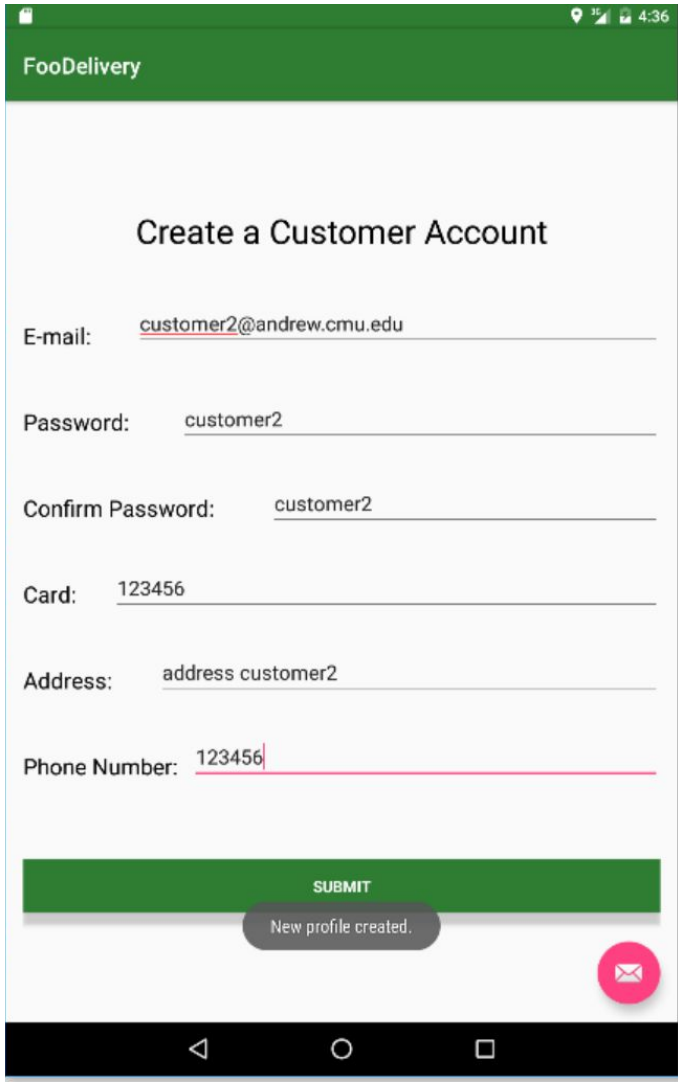


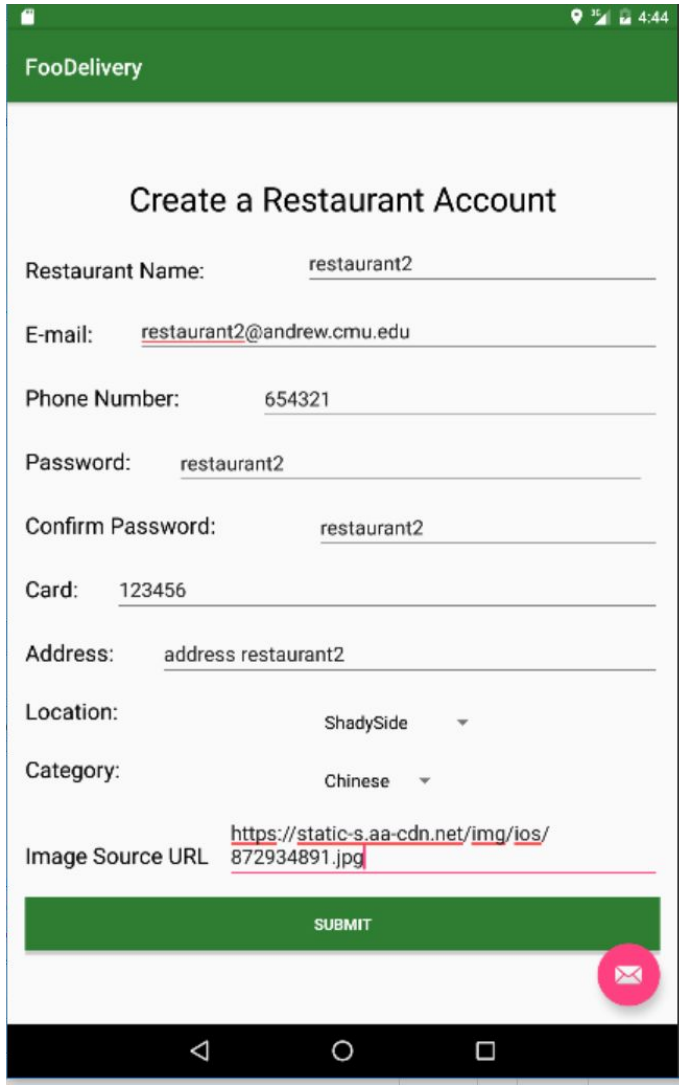
Diagram 1: Restaurant Page



Sample Screen - Tablet Resolution







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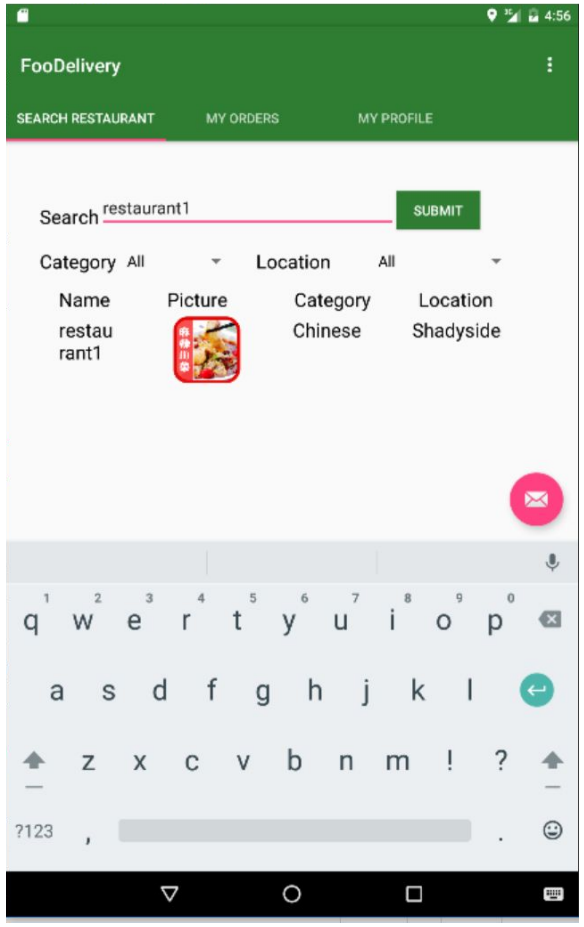

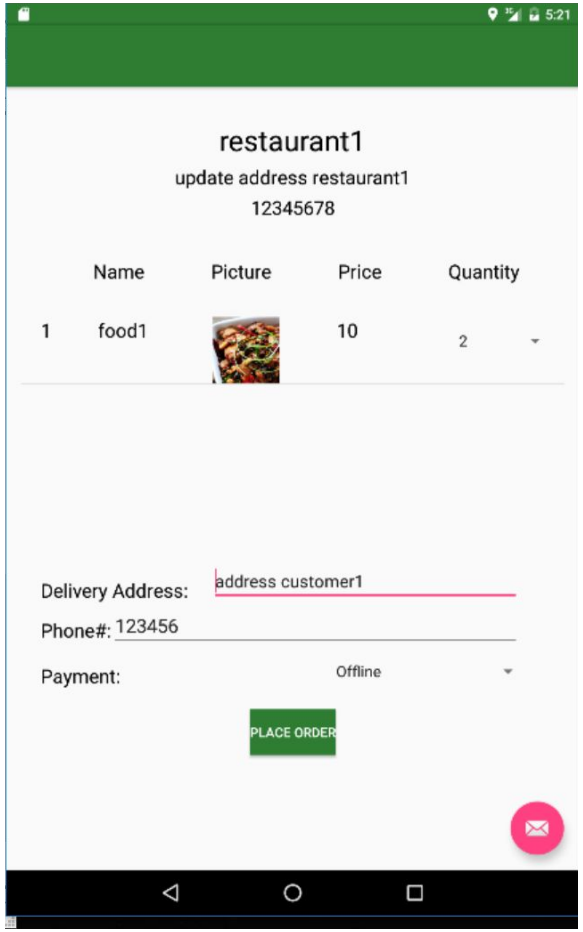

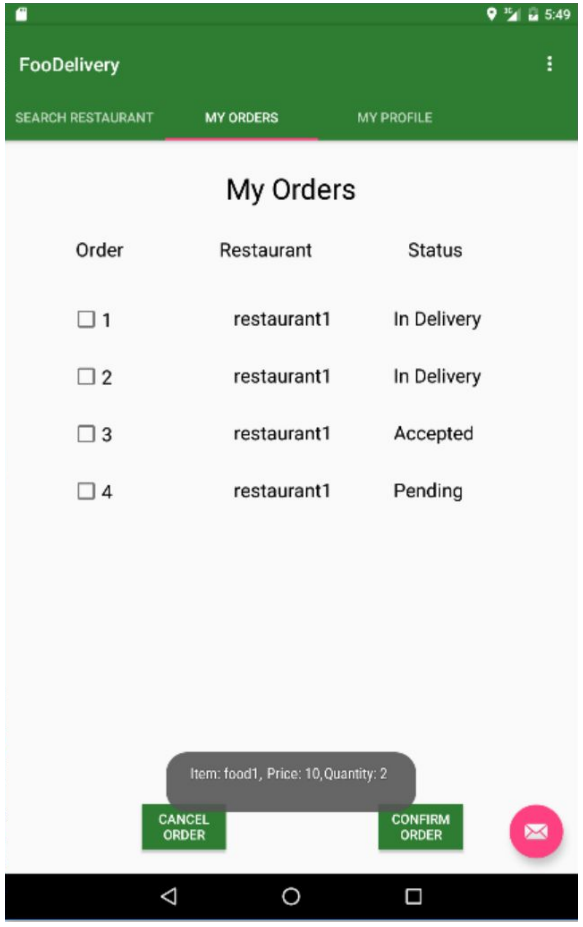

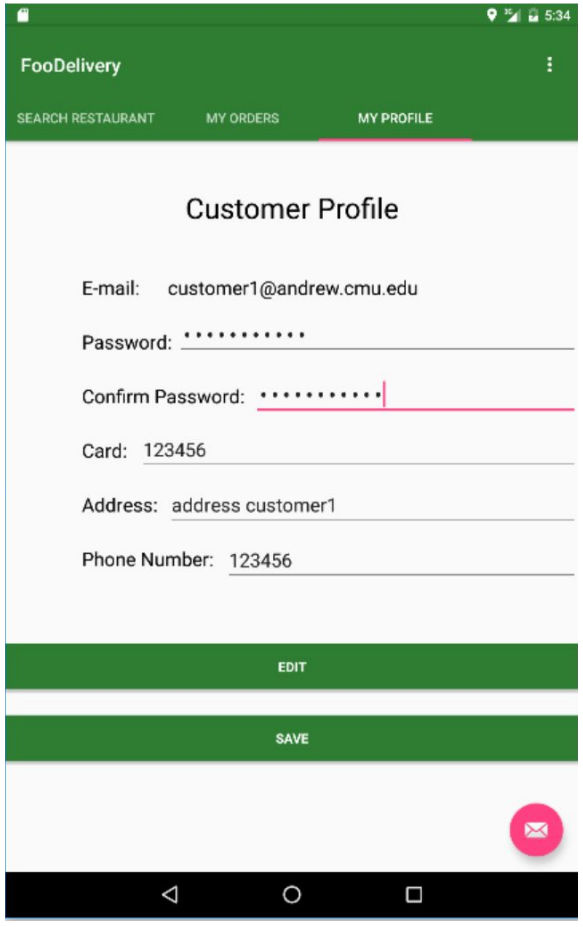

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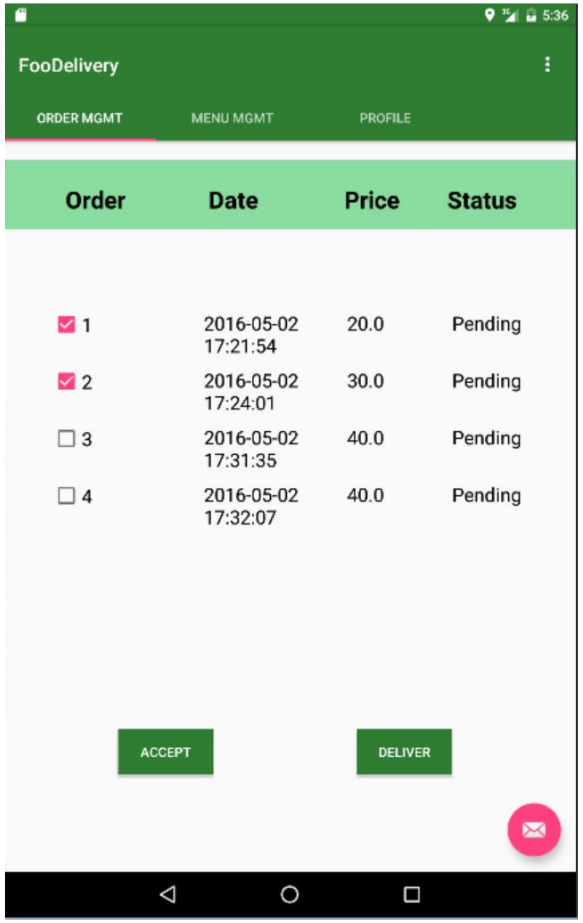
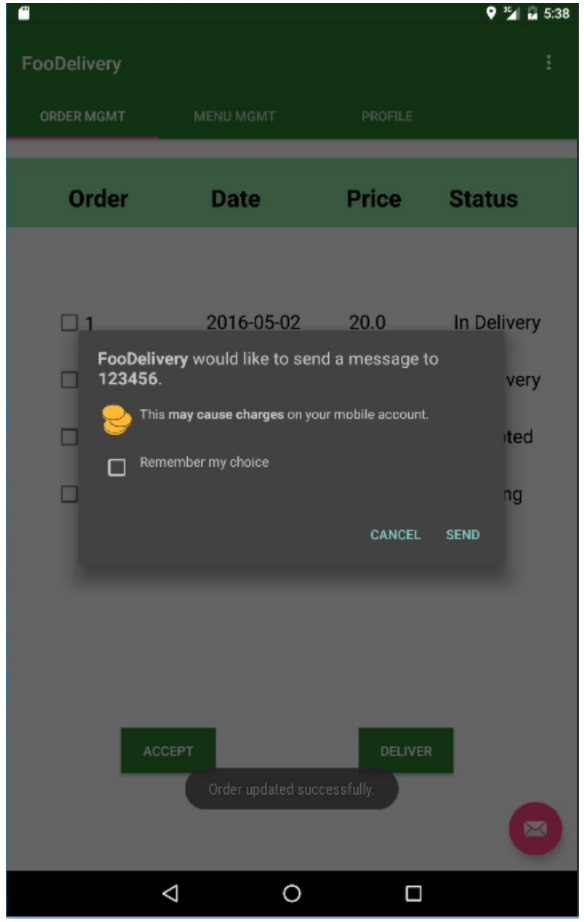
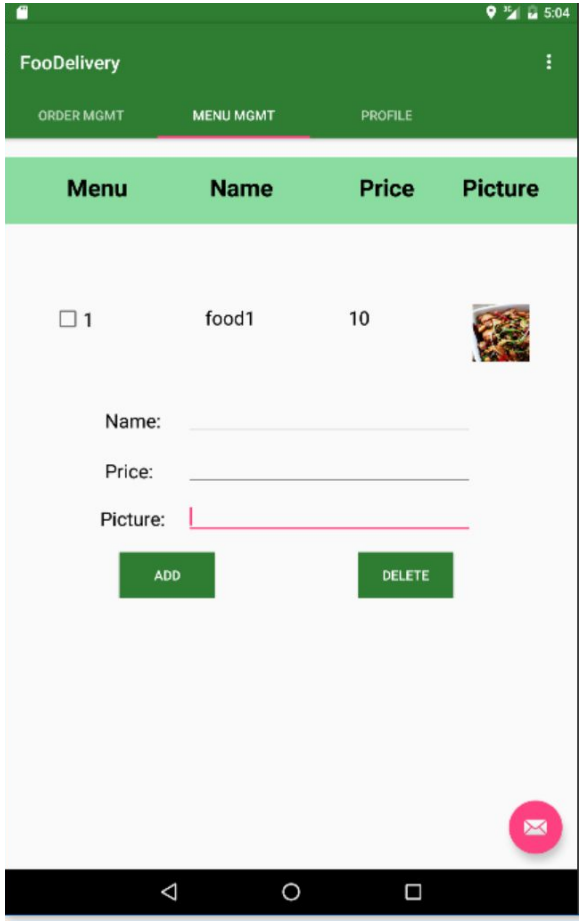
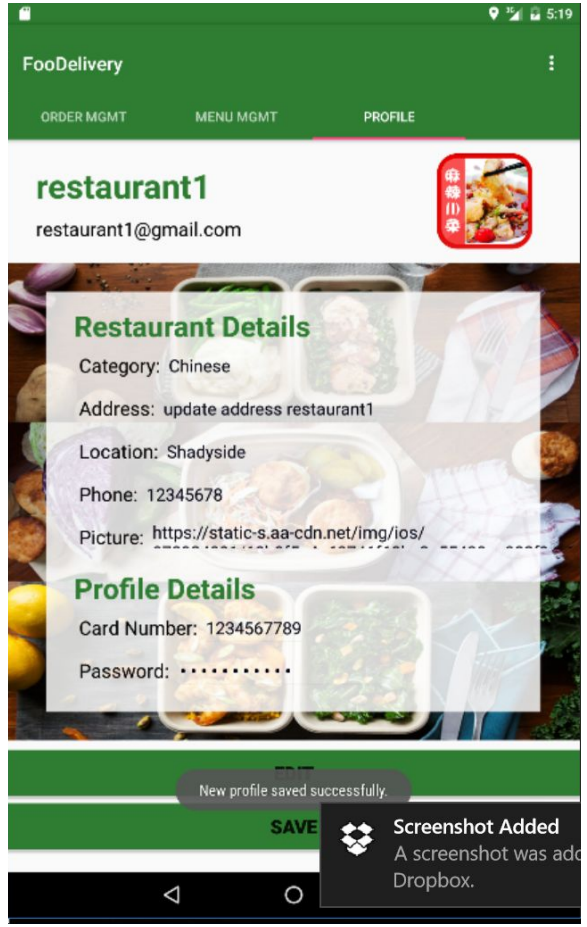
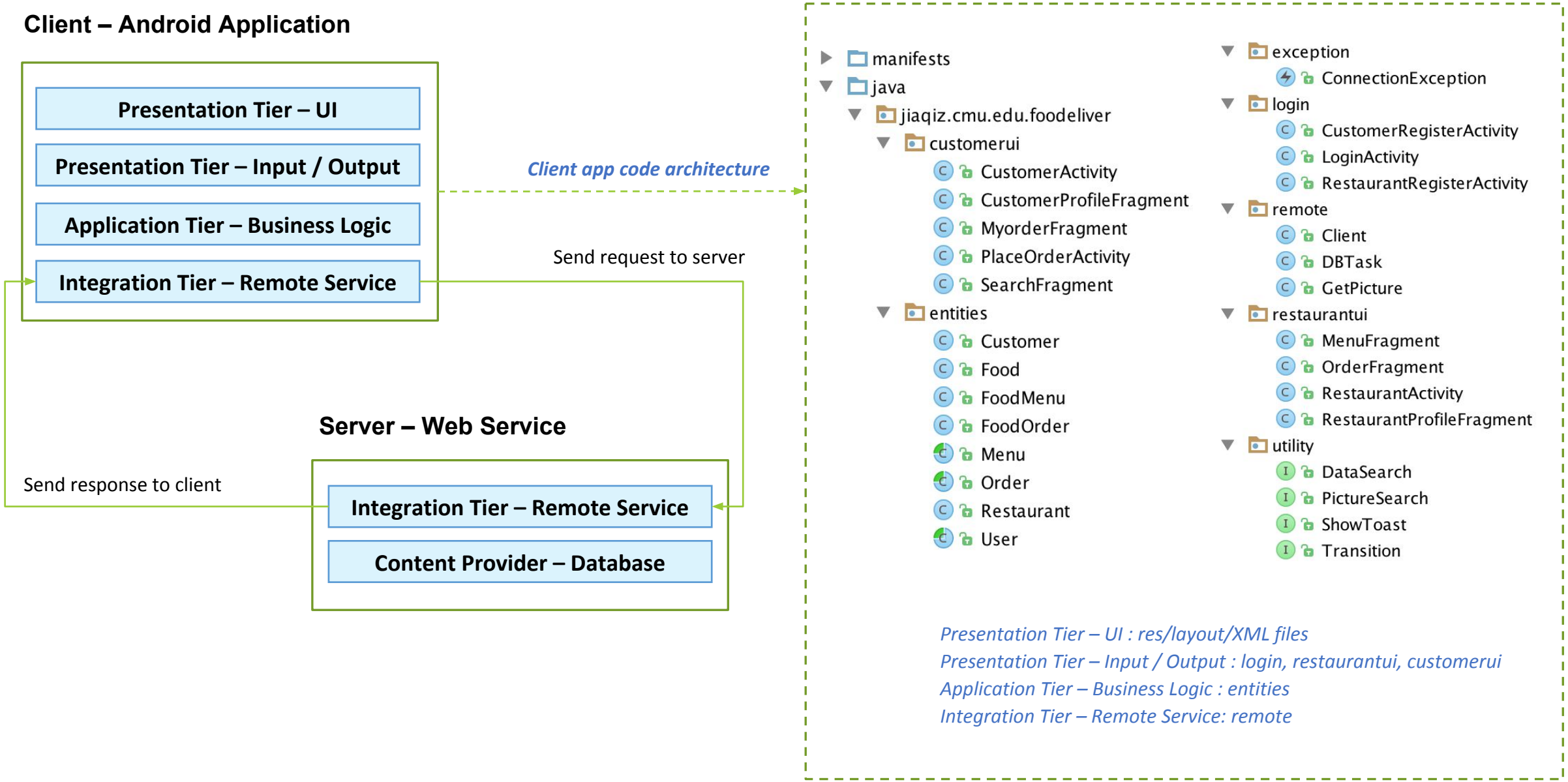


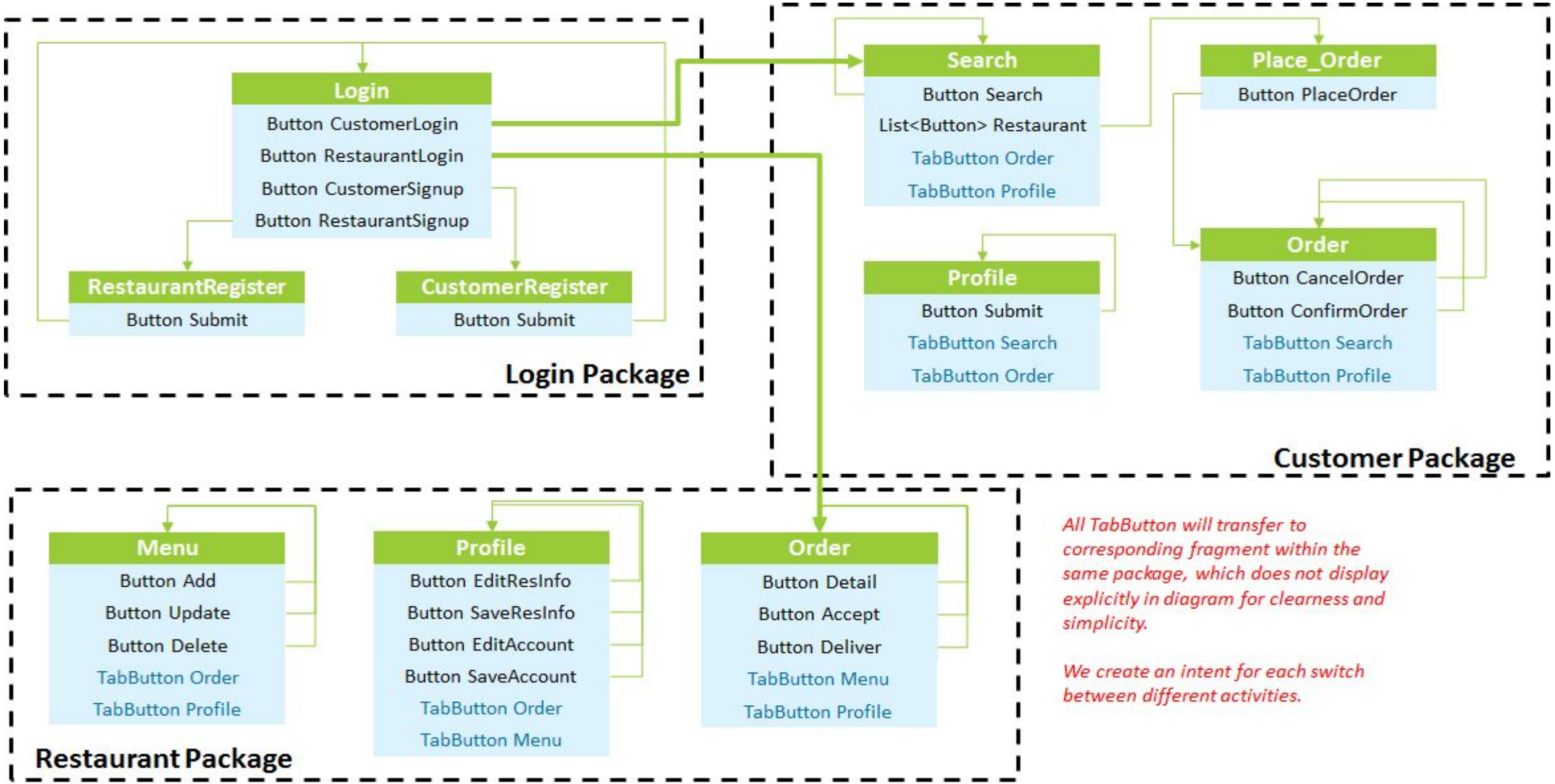




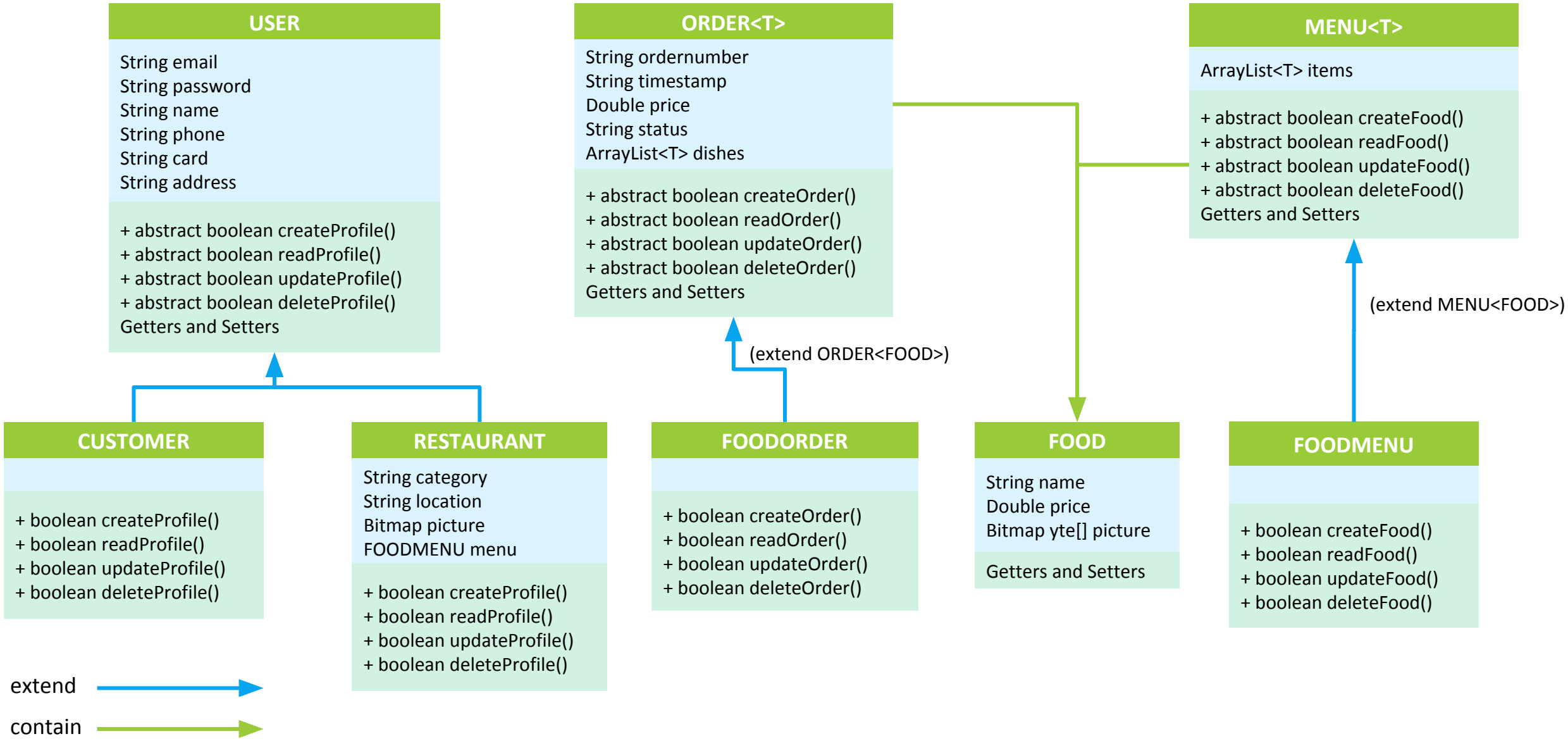



Client – Android Application
Presentation Tier – UI
Presentation Tier – Input / Output
Application Tier – Business Logic
Integration Tier – Remote Service
Client app code architecture
Send request to server
Server – Web Service
Integration Tier – Remote Service
Content Provider – Database
Send response to client
manifests
java
jiaqiz.cmu.edu.foodeliver
customerui
CustomerActivity
CustomerProfileFragment
MyorderFragment
PlaceOrderActivity
SearchFragment
entities
Customer
Food
FoodMenu
FoodOrder
Menu
Order
Restaurant
User
exception
ConnectionException
login
CustomerRegisterActivity
LoginActivity
RestaurantRegisterActivity
remote
Client
DBTask
GetPicture
restaurantui
MenuFragment
OrderFragment
RestaurantActivity
RestaurantProfileFragment
utility
DataSearch
PictureSearch
ShowToast
Transition
Presentation Tier – UI : res/layout/XML files
Presentation Tier – Input / Output : login, restaurantui, customerui
Application Tier – Business Logic : entities
Integration Tier – Remote Service: remote

Activity Switch Diagram



Class Diagram



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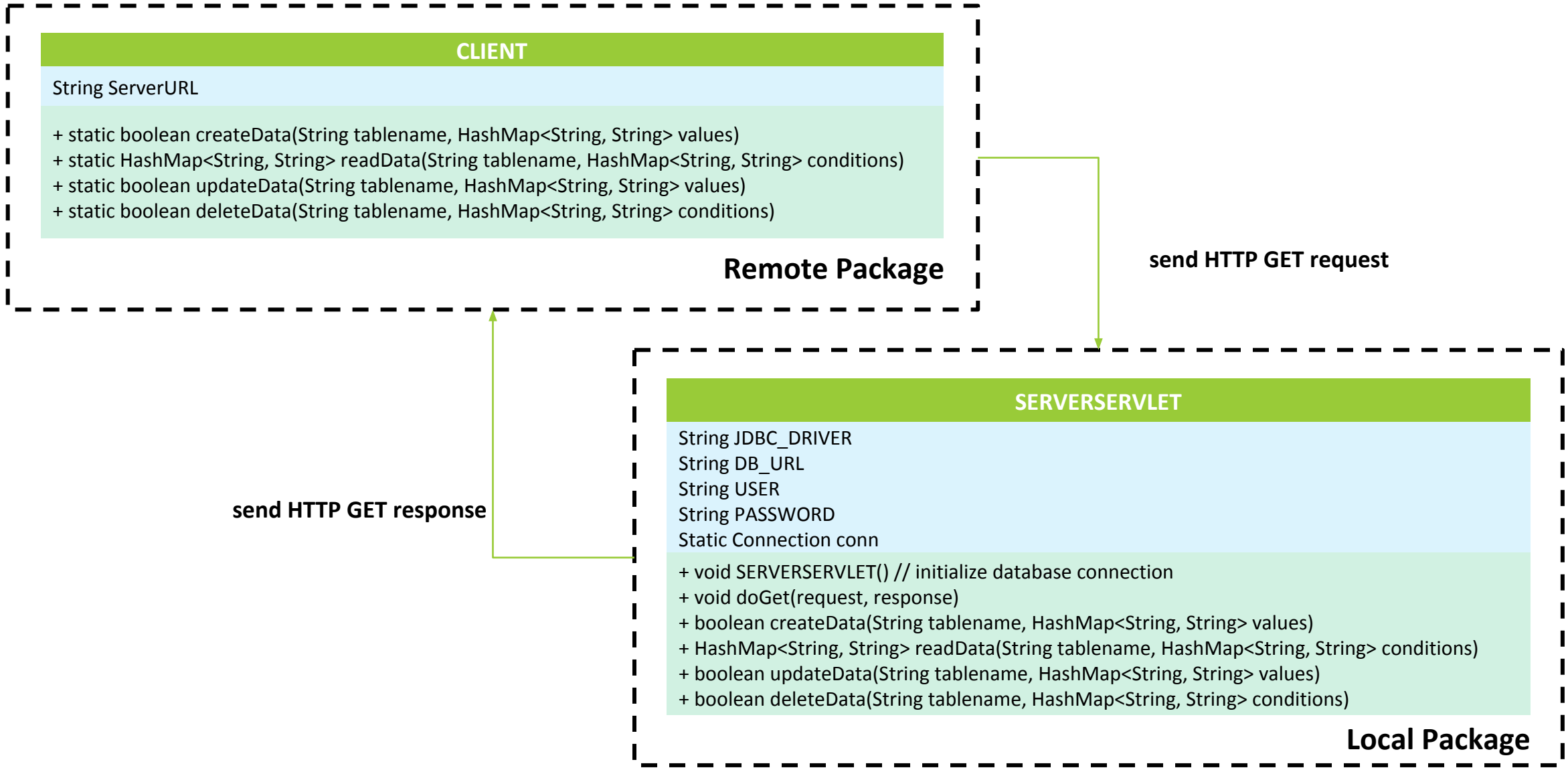

Database Schema

Interaction between UI and back-end model

UI Implementation including ListActivity and ListFragment

Multiple-item operations such as selecting and processing multiple orders

Connection among Restaurants, Customers and Database using HTTP Servlet

Start
DEMO