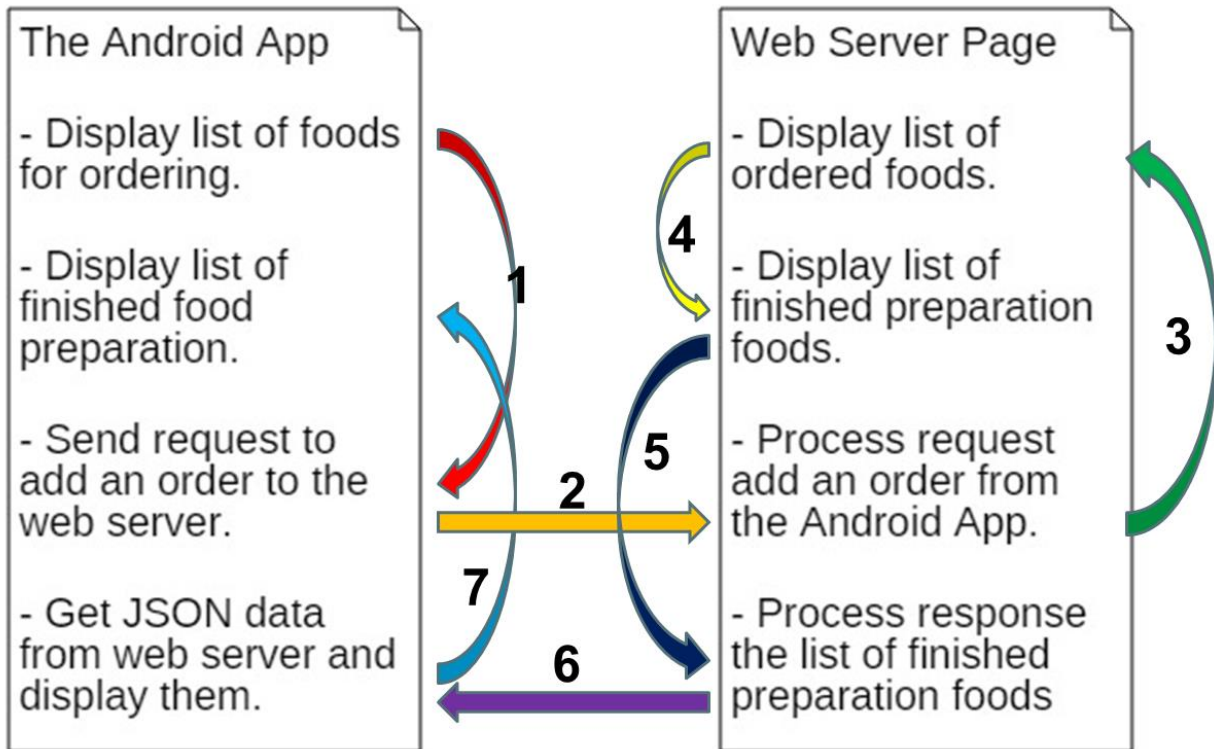**Food Ordering App**

I. Introduction:

1. This Android app is designed for the a Restaurant

2. Who can use this app ?

   - The Chef / the kitchen staffs (web page to display food order records)

   - Waiter and Waitress (android app to create food order records from clients)

3. Description:

   - Waiter/waitress uses the Android app to make an order for guests and keep tracking on that order when it finish.

   - Chef/kitchen staff uses the web page where will be displayed the list of food orders in order by timestamp from the Android app. So, they can prepare food for the order right away and they can inform the waiter/waitress when their food orders are ready via submitting on the web page. That information will be sent to the Android app via network (wifi-connection).
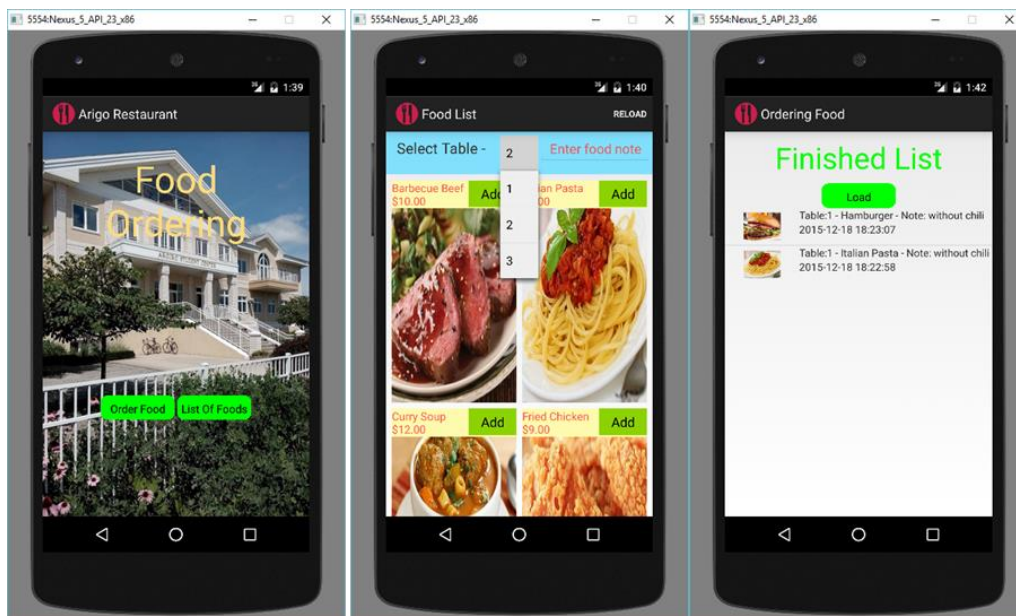
II. System Environment:

1. Android Studio to make the Android Food Ordering App

   - Used many topics from the lesson: Input Control Component, Layout XML and Layout Java Design, Intent, JSON data…

2. PHP and MySQL database in the web server page

   - Used HTML5, CSS, Javascript, AJAX, Bootstrap, JSON

III.   Workflow:

The Android App

- Display list of foods for ordering.

- Display list of finished food preparation.

- Send request to add an order to the web server.

- Get JSON data from web server and display them.

Web Server Page

- Display list of ordered foods.

- Display list of finished preparation foods.

- Process request add an order from the Android App.

- Process response the list of finished preparation foods

IV. User Interface

1. Android App for Waiter/Waitress:

Android App Layout

2. Web Page for Chef or Kitchen area:

Ordered List   Finished List

ORDERED LIST

TABLE 2 (2015-12-18 23:43:59)

Barbecue Beef
Note: hot chili sauce - Finish

Salad
Note: testibg - Finish

FINISHED LIST

TABLE 1 (2015-12-18 18:23:07)

Hamburger
Note: without chili

Italian Pasta
Note: without chili