

YummyAmes

Block Diagram

SD_B_4

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Description

We have two clients which are Android client and Web page client. We have HTML pages, and the underlying PHP and JavaScript. The HTML provides the whole interface for the four users. And the PHP is using for provides the functionality of the web pages. The JavaScript provides some basic functions for the web pages. And we use the PHP languages for the most. Then the client can connect with our Server with PHP. And for the android client, we have the XML pages and the Java to build the apps. The XML are the layout for the four users, and the Java provides the all the functions for the XML layout of our app. We can also connect the android client with the Server by PHP.

The server allows connections between database and clients, and between two different clients through PHP. When client call an action, it will get information from database, it also can modify the information in the database, it will also handle the interactive between android and web client. For example, a customer places an order on website, the restaurant accept the order, then the deliver-man can see the order info on his phone. These allow the Java Abstractions to change the Database through a JDBC MySQL Query.

For our database creation, we chose to use MySQL database. The entire database consists of six tables: Restaurant, Customer, Deliver, Admin, Food and Orderlist. For each table, there are ids to identify every single table, ids are named follow the convention x_id where x represents the initial of each table. Restaurant, Customer, Deliver and Admin join to be user groups which contains information such as name, address, phone, email, username, password, and creation time etc. Food and Orderlist takes information of food details and order details include users' info and food info. The database is connected with server and clients by PHP functions. JDBC is used in specific.

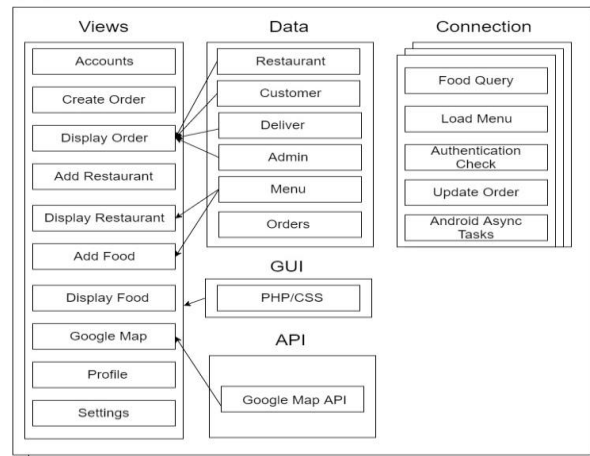
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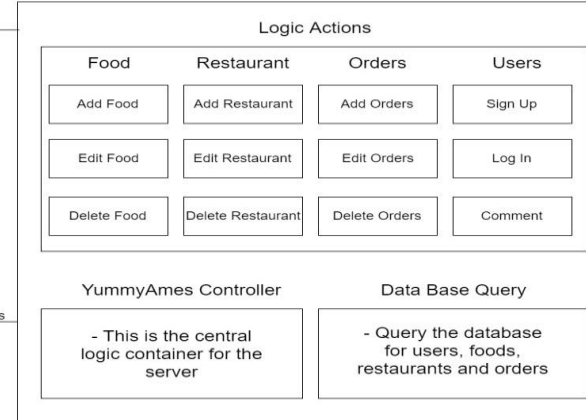
Document: Block Diagram

Project name: YummyAmes

Web Client



Server



Android Client

