

# **Food Hankers Juncture- an Android based Application**

## **Abstract:**

People who have insufficient time or are inexperienced to cook food find it difficult to search for their desired food after being tired of consuming from restaurant and readymade food preservatives. They wish for homemade hygienic appetites, that are more healthier as compared to market food vendors. Food hankers app is a solution to this issue as a private community rendezvous for gourmet homemade food. This is a platform for homemade chefs to share their culinary dishes with others and make connections to people who love their food. The value we add for chef is the opportunity to showcase dishes, sell it to food hankers, and receive payments. For food hankers, we offer the chance to discover food experiences and establish relationships that were practically impossible before. Food hankers can choose their desired food from various different homemade chefs and give them ratings based on factors of food's quality, flavour, hygiene, affordability, etc. The result of ratings of chefs will influence the customer options and preference. Customers can choose to follow cooks and be notified whenever their favourite cooks post a new dish. Cooks can establish a community of followers who then quickly comment on or reserve their dishes. In other words, people who like to cook can share their dishes with others whenever they feel the urge to make great food. The Food hankers junctures app handles contact and inventory management to help make sharing easy. The Food hankers juncture platform rules help ensure that dishes shared are fresh and ever changing. Cooks can post dishes that are immediately available or for pre-order.

There are no quotas or costs to join the food hankers community as a chef, a member, or both. The app works much like those other sharing-economy endeavours : chefs are vetted by Food hankers, then allowed to join and advertise whatever home-cooked meals they want. The chefs set the price of their food. Customers are able to scroll through dishes being offered in their area, choose the food they want, pay and pick up food once it's ready. There are plenty of distinct dishes from different culture speciality offered from the chefs. It seems like a tool that could really come in handy when organizing help for a new family or someone dealing with an illness, and it looks as though many of the chefs could cater to specific health issues. But another aspect of the app's objective is to allow chefs to be creative.

## **Introduction:**

### **1.1 BACKGROUND OF STUDY**

The online food ordering system is one of the latest services most people in the world are adopting. With this method, food is ordered online and delivered to the customer. Customers pay make payment either through cash or cheque. So, the system designed in this project will enable customers go online and place order for their food. Due to the great increase in the awareness of internet and the technologies associated with it, several opportunities are coming up on the web. So many businesses and companies now venture into their business with ease because of the internet. One of such business that the internet introduced is an online food ordering system. In today's age of fast food and take out, many restaurants have chosen to focus on quick preparation and speedy delivery of orders rather than offering a rich dining experience. Until recently, most of this delivery orders were placed over the phone, but there are many disadvantages to this system. It is possible for anybody to order any goods via the internet and have the goods delivered at his/her doorsteps.

### **1.2 RELATED WORKS**

The main advantage of this application is that it greatly simplifies the ordering process for both the customer and the chefs. The system also greatly lightens the load on the restaurants end, as the entire process of taking orders is automated. Once an order is placed on the webpage that will be designed, it is placed into the database and then retrieved. Within this application, all items in the order are displayed, along with their corresponding options and delivery details, in a concise and easy to read manner. This allows the chefs to quickly go through the orders as they are placed and produce the necessary items with minimal delayed confusion.

## **Literature survey:**

This section presents a selection of relevant findings from previous research. The current study centers on matters that relate to identity, family, women and food and these issues are dealt here in that order. First, attention is given to the construction of identity and identity work. Secondly, institution of family, its identity and parents' influencing capabilities are discussed. Then, focus shifts to the relation between women and the provision of food in the family, after which the relation between food and identity is explored. This is followed by a discussion regarding homemade and convenience food. These topics are not completely separate from one another, however, and will thus be discussed in a somewhat integrated fashion in the chapters below.

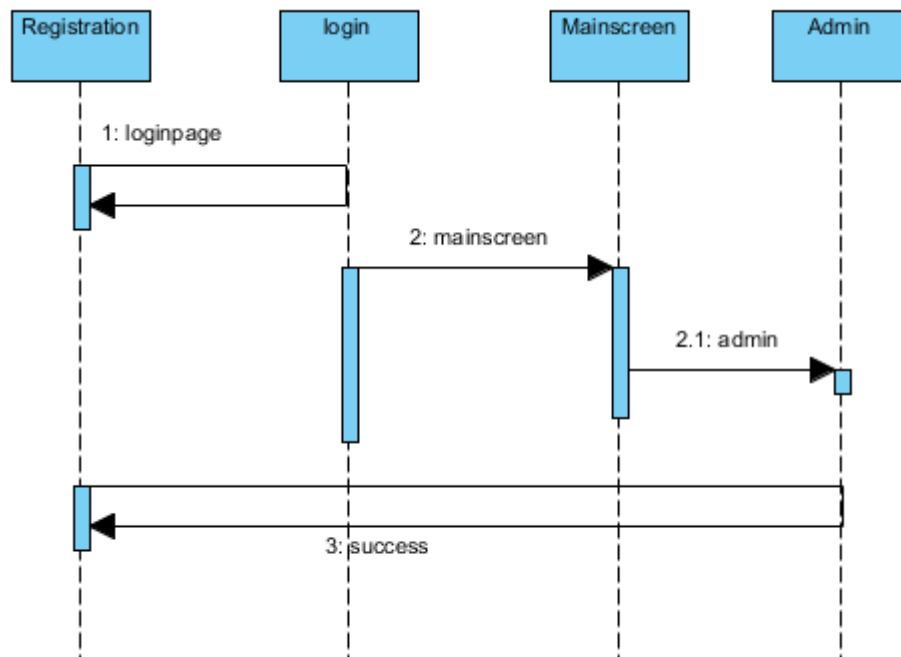
## **Features:**

The main advantage of this application is that it greatly simplifies the ordering process for both the customer and the chefs. The system also greatly lightens the load on the restful-rants end, as the entire process of taking orders is automated. Once an order is placed on the webpage that will be designed, it is placed into the database and then retrieved. Within this application, all items in the order are displayed, along with their corresponding options and delivery details, in a concise and easy to read manner. This allows the chefs to quickly go through the orders as they are placed and produce the necessary items with minimal delayed confusion.

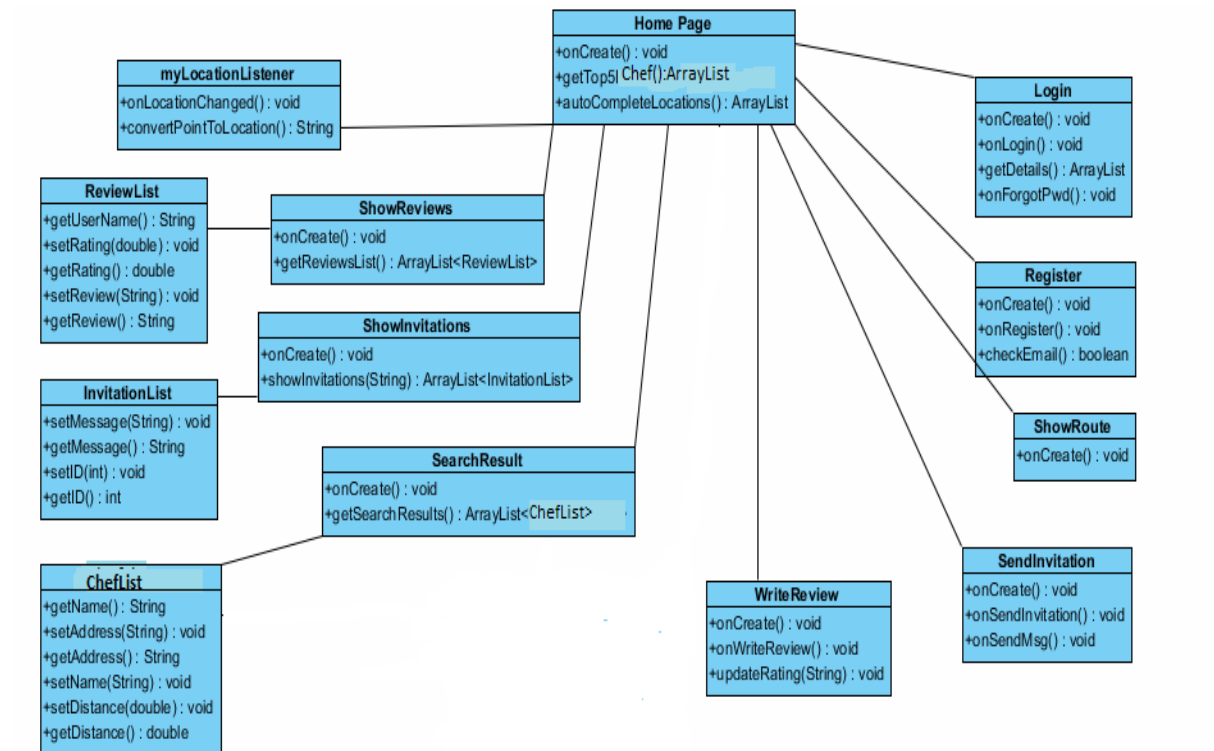
## **Problem Definition:**

With respect to convenience foods, the women appeared to have a rank order that support their other identity construction efforts. By choosing products that require some personal effort their perception of informed caretaker and responsible parent can be somewhat supported. Also, it could be argued that some of the mothers expressed avoiding single-packaged meals and dishes, which they can prepare themselves, in order to make the use of convenience foods less obvious. This, in turn, might tone down the bad conscience they seemed to relate to convenience foods. Moreover, this way the identity of knowledgeable and nurturing mother does not get disrupted so easily. The importance of family togetherness and perception of dinner as “family time” shone through when the participants talked about convenience foods their family consumes. For instance, instead of expressing using single-packaged meals so that everyone could choose what they want to eat, the women tended to prefer products that include helpings for the whole family. Thus, in general, more emphasis was put on collectiveness than on individuality.

## Sequence diagram:

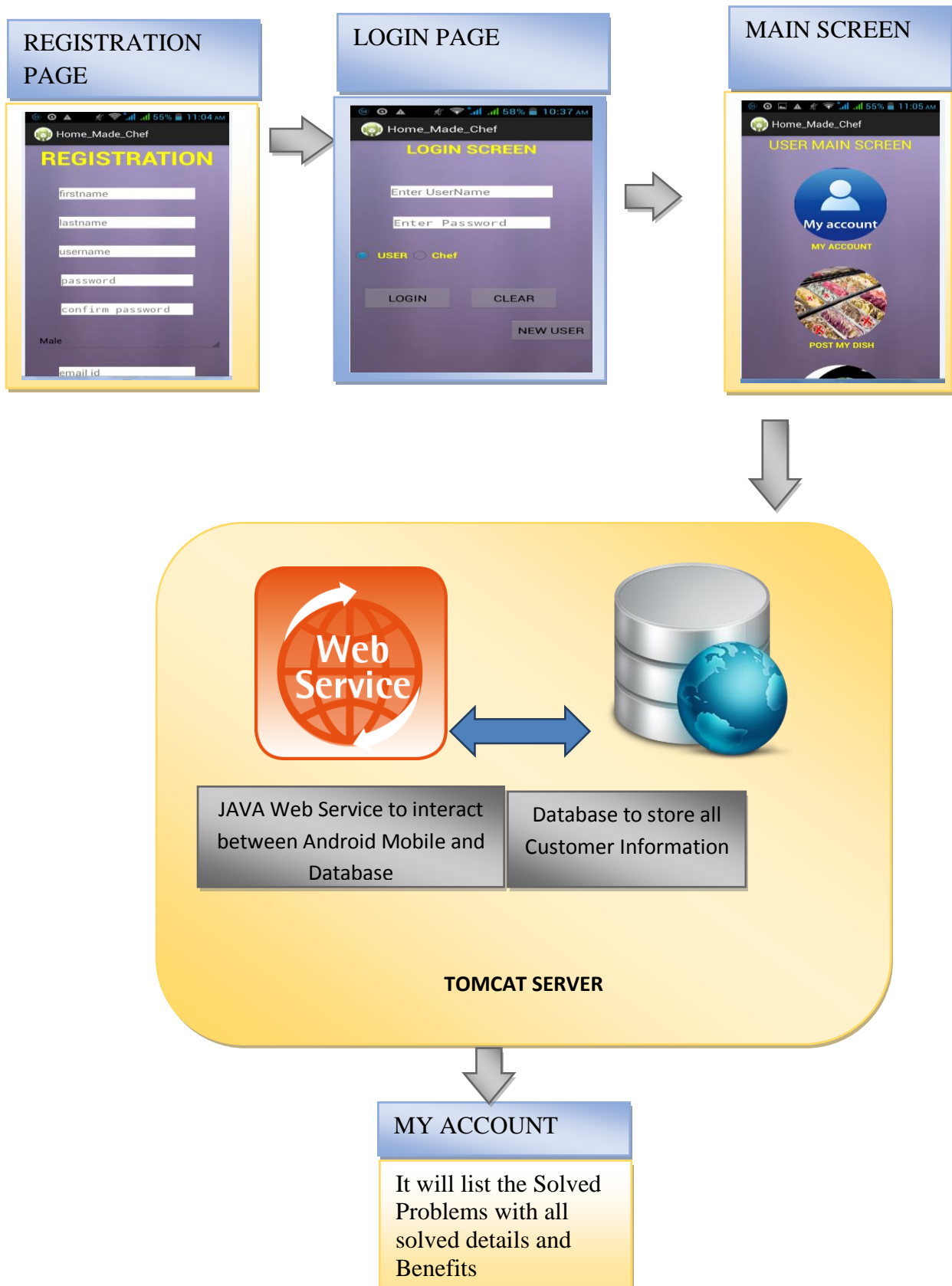


## Class diagram:

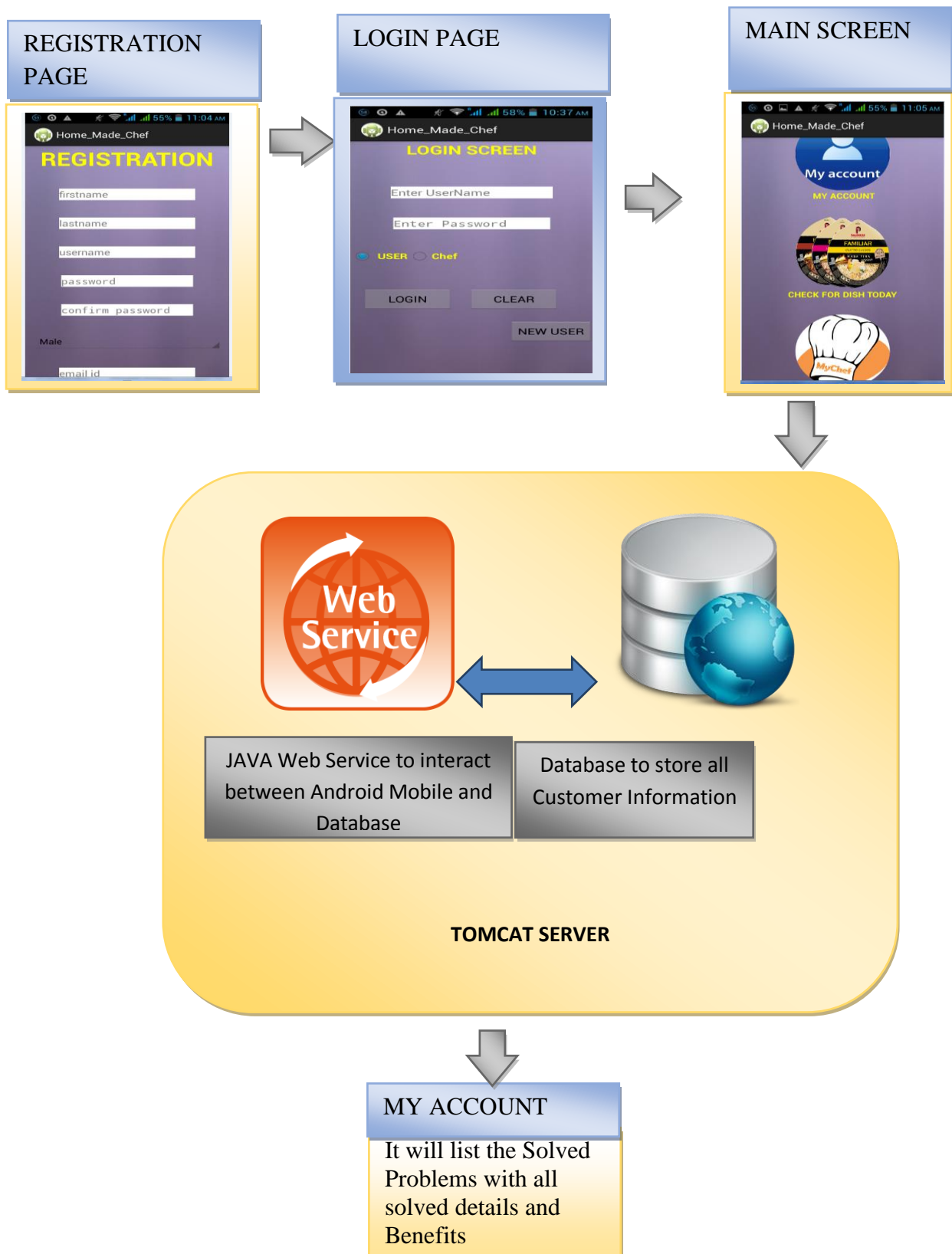


## Block diagram:

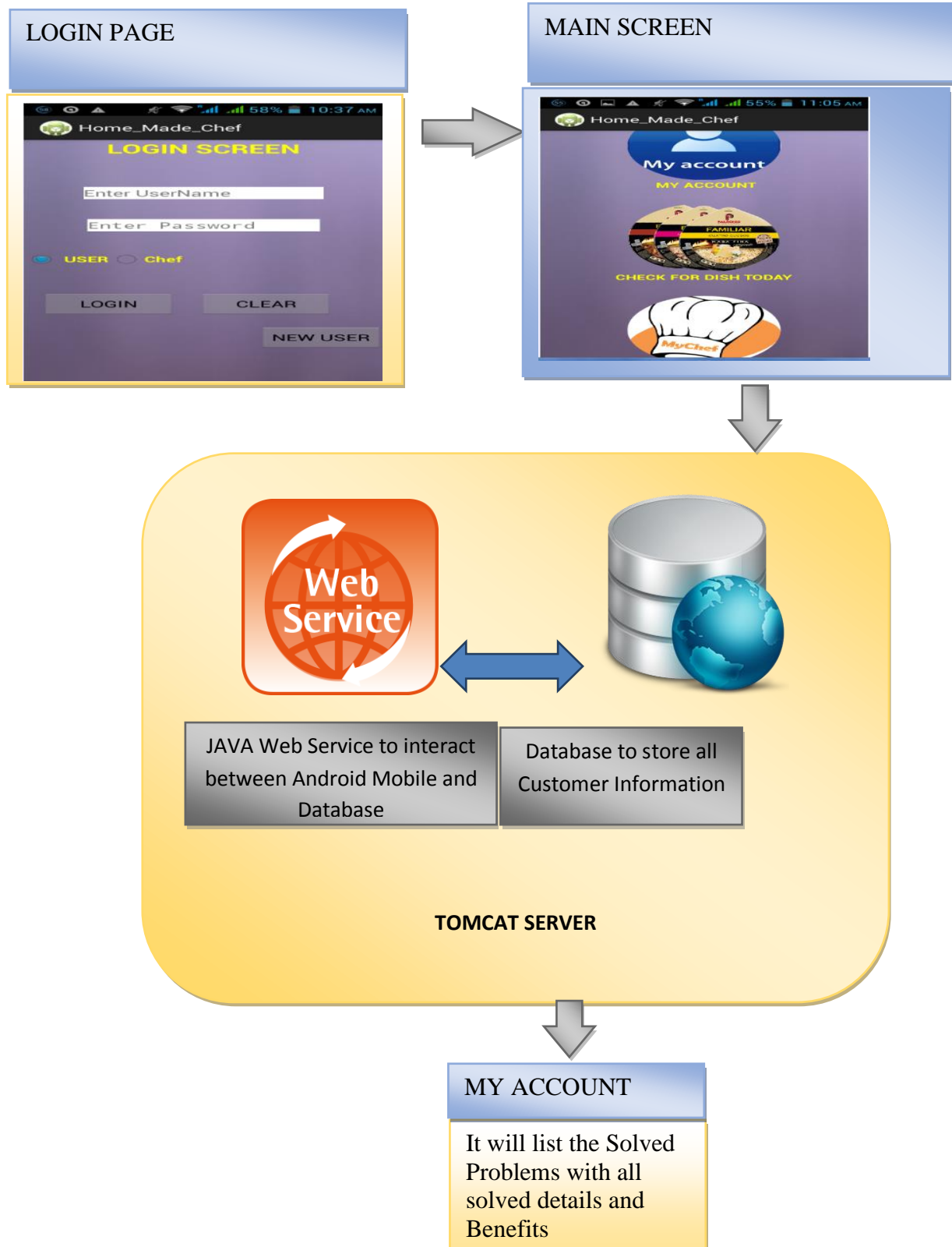
User Login-



Chef login-



## Admin Login:



## Softwares used:

- **Operating System:** The Android SDK can be installed on the following platforms:
  - Microsoft Windows®7.

Note: The Android SDK remains same for 32-bit or 64-bit computers

- **Other :**
  - Eclipse
  - Android-sdk\_r15-windows for Windows.
  - ADT (Android Development Tool)
  - Android Emulator
- **Language:** Android, JAVA, SOAP or Restful web service.
- **Database:** Mysql
- **Web Server:** Apache Tomcat 7.0 or higher.
- SOAP web service

## Advantages

- It saves time.
- Manual operation has been reduced to major extent.
- Less man power required.
- Efficient distribution system.
- Easy to use.

## Future Scope:

For project demo concern, we have developed a prototype module. In future, this project can be taken to the product level. To make this project as user friendly and durable, we need to make it compact and cost effective. Going further, most of the units can be embedded along with the controller on a single board with change in technology, thereby reducing the size of the system.



## Definitions:

### 1. Android



Android is an operating system developed for smart phones and tablets. It is based on Linux kernel and uses Dalvik Virtual Machine (DVM) for executing Java byte code. Android's source code is released by Google under open source licenses.

Some features of Android are-

- Highly customizable nature
- Reasonable Price
- High degree of ease due to presence of PC like apps.
- Hardware and Software features
- Full control over OS.

Android software environment consists of-

- Linux kernel
- Libraries and Dalvik Virtual Machine
- Application Framework
- Applications (built-in and custom)

### 2. Web Service

A Web service is software which can connect any device that is active in the internet to another and establish communication between them. It uses HTTP as common communication protocol. Web service is required to establish communication between Android device and Shop's database to exchange information.

### 3. REST

provides a way to communicate between applications running on different operating systems, with different technologies and programming languages.

#### **4. Android SDK**

It is the software development kit used for developing android apps. This kit includes-

- Debugger
- Libraries
- Quick emulator
- Documentation
- Sample code
- Tutorials

Android virtual device is used to get a view of an app. This SDK will be included in the android in the bundle called as ADT bundle. This ADT bundle is then extracted to get the above facilities.

#### **5. Android Development Tool**

It is the plug-in for the eclipse with the help of which following tasks can be performed-

- Set up new Android projects
- Creating a new application UI

In total it provides an environment in which the android projects can be imported, build and run successfully.

#### **6. MYSQL**

MySQL pronounced either "My S-Q-L" or "My Sequel," is an open source relational database management system. It is based on the structure query language (SQL), which is used for adding, removing, and modifying information in the database. Standard SQL commands, such as ADD, DROP, INSERT, and UPDATE can be used with MySQL.

MySQL can be used for a variety of applications, but is most commonly found on Web servers. A website that uses MySQL may include Web pages that access information from a database. These pages are often referred to as "dynamic," meaning the content of each page is generated from a database as the page loads. Websites that use dynamic Web pages are often referred to as database-driven websites.

## Conclusion:

This project aims to create a web application known as cloud application for android mobiles. The sole purpose of this project is to develop a system that will link all public users. The problem faced by most of the cities will affects the public. If public inform to specific Department it take long time to process, to overcome this problem we develop an Application to reduce duration.

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