FOODUDE

OWNER GUIDE

COOL CODERS ECSU

Welcome to FOODUDE!

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1. Server & Database Environment.

We recommend using a LINUX platform to host SQLite. This is the type of database that FOODUDE uses in order to store and retrieve data orders. Due to the nature of SQLite, there are many different methods and ways of implementing a remote host to fetch and retrieve from the client. We recommend a small, dedicated LINUX server which is connected to the Local Area Network of your business; this way, the remote clients will be able to connect via Wi-Fi.

Our supplied table has the following format:

- Incrementing Primary Key (Integer)
- Timestamp of Order Entry (String)
- Order Contents: Entrée & Drink (String)
- Value of Order (Integer)
- Timestamp of Order Completion (String)

Our method of keeping track of whether an order is “complete” or “not complete”: this involves what is contained within the Timestamp of Order Completion.

Simply,

If the entry is empty, the order is incomplete and outstanding.

If the entry contains a timestamp, the order is considered to be fulfilled.

We encourage modifying or appending columns to the SQLite table to better represent your business needs.

Further Reading: http://www.sqlitetutorial.net/download-install-sqlite/

2. Initialization of Database

For Reference, our Database has been initialized using SQLiteStudio (which comes with SQLite).

SQLiteStudio User Manual: https://wiki.sqlitestudio.pl/index.php/User_Manual

Once you have created and hosted your Database Table, you will have to modify the connection information within the clients / remote terminals you are using to connect to your server.

3. Creation of Food Entries

In order to create new entries for food selections for the user,

Currently, it is required to modify the .java file of the menu selection you are adding the food to (Breakfast, Lunch, or Dinner).

We have provided templates within the menus of other food selections and entrees which you may copy, duplicate, and then manually modify to suit the needs of your business. ***Note*** *that this also applies to Beverages, too!*

4. Accessing Food Entries in Database

Due to the nature of SQLite, you are able to generate all entries recorded in the database through the use of a query. In order to select all outstanding or unfulfilled entries, SEARCH for entries where the COMPLETED Timestamp is NULL. Otherwise, you are able to search all entries to your own needs.

5. Accessing / Editing / Deleting Archived Food Orders.

Because of the necessity of proper archiving of your business's transactions over a period of time, we recommend storing and archiving tables.

Note, this is only a recommendation!

Make a back-up of the generic empty table, and save it somewhere accessible. Every week (or whenever convenient), take the current active table and rename it or move it into an archive folder. Then, copy the empty table forward to take its place. This should allow for easier storage and record keeping.