

Final Project Write Up  
December 7, 2022  
CS195  
Logan S, Kody P

For our Project we decided to create an online shopping system, Super Store. The Super Stores database consists of three tables which all interact with each other. In the system there are two types of users, a supplier and a customer. Once logged in a customer can interact with their balance, shop in the store, or view previous purchases. A supplier is able to view, resupply and add new items to sell as well as manage balance. These two types of users are able to then interact as customers will purchase suppliers products. To use this program first run `create_database.py` to read the csv files into the database and create tables. Next, run `python -m flask run` in the terminal to run the flask app . You can either use an already created account, or create one to test this system.

**Team Members:** Logan Scholfield, Kody Politza

**Example Supplier logins:**

Username: gdorwood0	Password: ZUk3RLU8Yhh
Username: dclover2	Password: yWkzJlo

**Example Supplier logins:**

Username: clambald	Password: lyODOra4F
Username: gpielee	Password: EP5OOU

Name	Type	Schema
<b>History</b>		CREATE TABLE History(order_id INTEGER PRIMARY KEY, item_id INTEGER NOT NULL, date_time TEXT NOT NULL, user TEXT NOT NULL, purchased INTEGER, added INTEGER)
order_id PK	INTEGER	"order_id" INTEGER
item_id	INTEGER	"item_id" INTEGER NOT NULL
date_time	TEXT	"date_time" TEXT NOT NULL
user	TEXT	"user" TEXT NOT NULL
purchased	INTEGER	"purchased" INTEGER
added	INTEGER	"added" INTEGER
<b>Inventory</b>		CREATE TABLE "Inventory" ( "item_id" INTEGER PRIMARY KEY, "item_name" TEXT NOT NULL, "cost" INTEGER NOT NULL, "quantity" INTEGER NOT NULL, "supplier" TEXT NOT NULL )
item_id PK	INTEGER	"item_id" INTEGER
item_name	TEXT	"item_name" TEXT NOT NULL
cost	INTEGER	"cost" INTEGER NOT NULL
quantity	INTEGER	"quantity" INTEGER NOT NULL
supplier	TEXT	"supplier" TEXT NOT NULL
<b>Users</b> PK		CREATE TABLE "Users" ( "username" TEXT PRIMARY KEY, "password" TEXT NOT NULL, "credit" INTEGER NOT NULL, "is_supplier" BOOL NOT NULL )
username	TEXT	"username" TEXT
password	TEXT	"password" TEXT NOT NULL
credit	INTEGER	"credit" INTEGER NOT NULL
is_supplier	BOOL	"is_supplier" BOOL NOT NULL

