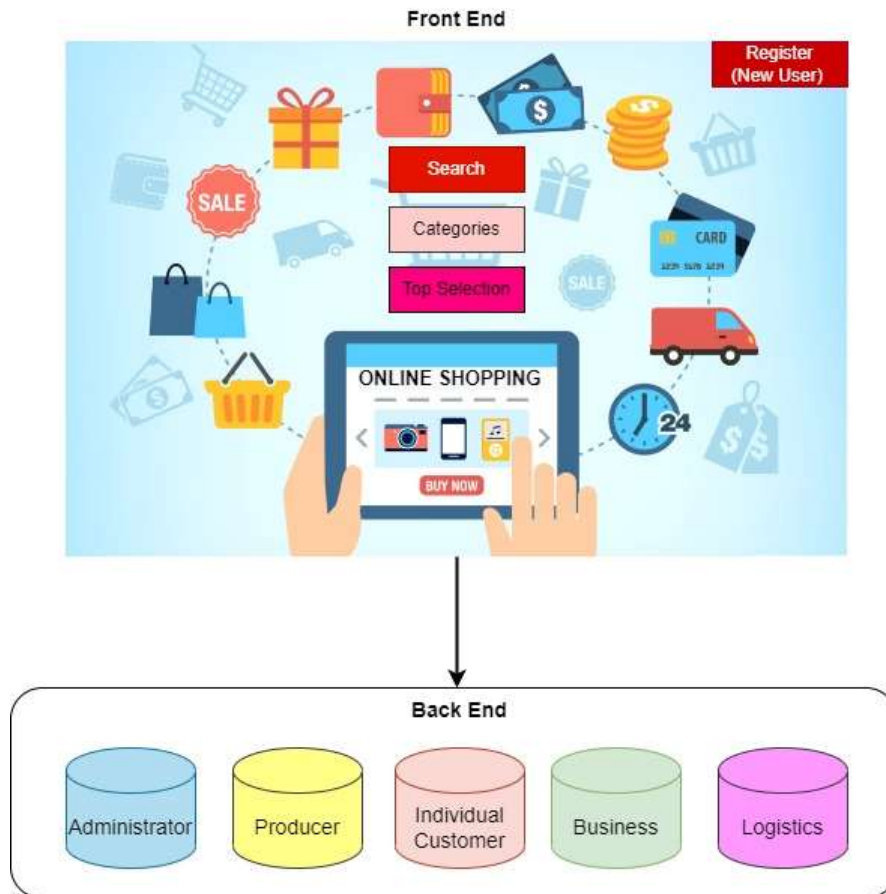## Problem statement:

Create an online shopping web application using HTML, Javascript and Database:
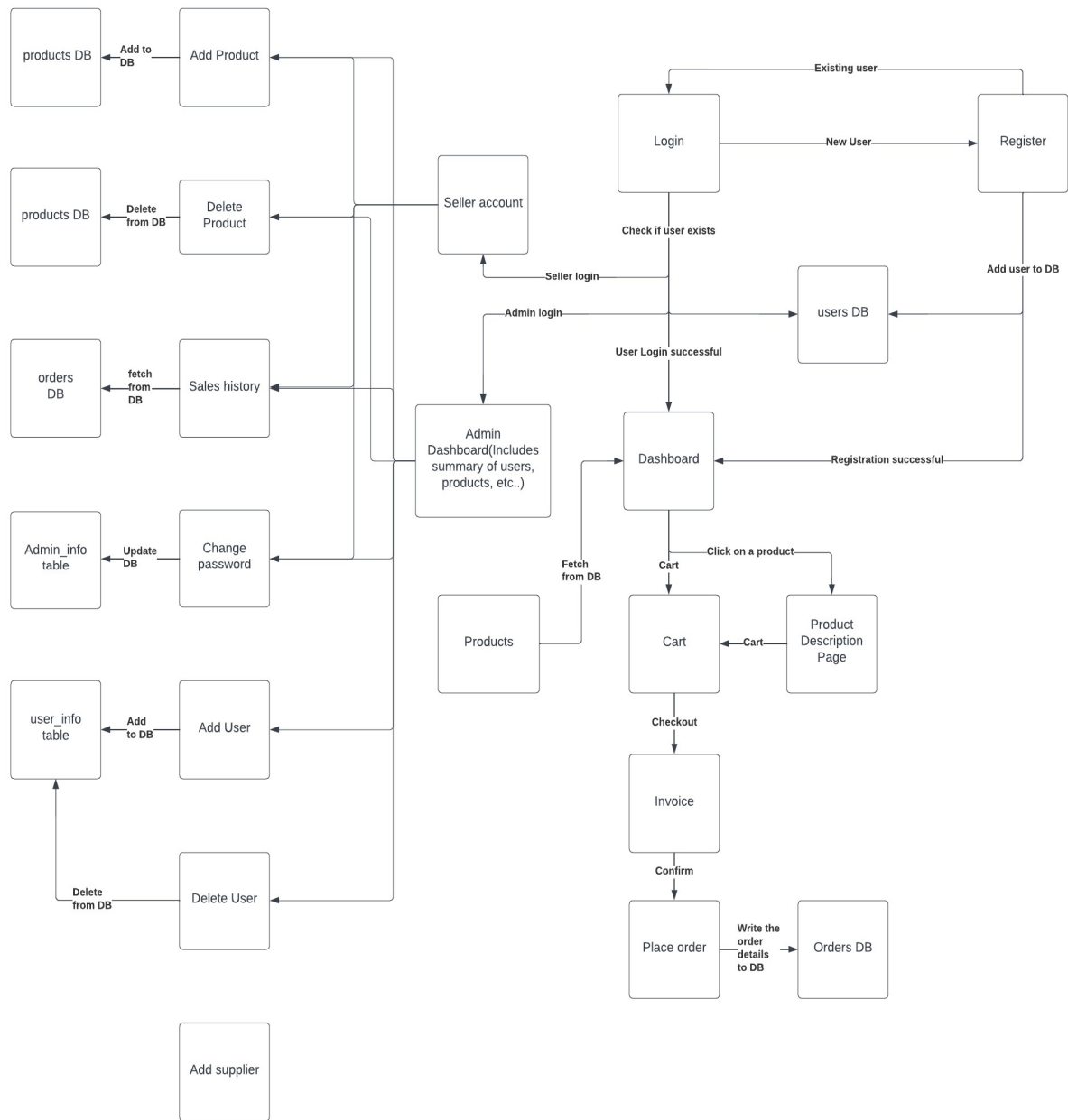

Basic Features of the APP:

- Only registered user can place orders
- Registration required for new users
- The frontend should have three modules : Search, Categories and Top Selection
- Search module lets the user to search for the Main product (Ex. Clothing)
- Categories module lets the user to choose different categories (Ex. Men, Women, Children)
- Top Selection module displays product name, product ID, rating, price, quantity in-stock

- The backend should have five modules: Administrator, Producer, Individual customer, Business and Logistics

- Administrator module monitors the entire application
- Producer can add and delete products (include product details while adding)
- Individual customer makes simple purchase orders and provide address for delivery
- Business person makes bulk purchase orders and should provide their address and the items they are dealing with
- Logistics module provides information about potential suppliers, accessibility and shipping details

- The application should provide the following functionalities:
- Add to cart option for the customer
- Should be able to see if the item is in-stock and the supplier details
- Discount coupons using supercoins
- Able to check the in-voice generated

Note :

1. Customize the App with additional functionalities on your own
2. Provide how your App differ from the existing online shopping APP

Design: (Block diagram)

```
                                                          Existing user
products DB ──Add to── Add Product                Login ──New User──→ Register
              DB                                    │
                                                    │ Check if user exists
                                                    │
products DB ──Delete── Delete    Seller account    │──Seller login──
              from DB  Product                      │
                                                    │──Admin login──→ users DB ←──Add user to DB──
orders DB ──fetch── Sales history                   │ User Login successful
            from DB                                  ↓
                                   Admin           Dashboard ←──Registration successful──
                                   Dashboard(Includes
                                   summary of users,
Admin_info ──Update── Change       products, etc..)   │
table        DB       password              │Fetch    │──Click on a product──
                                            │from DB   │Cart
                                   Products ─┘         ↓              Product
                                                      Cart ←──Cart── Description
user_info ──Add── Add User                            │              Page
table       to DB                                     │ Checkout
                                                      ↓
                                                   Invoice
                                                      │ Confirm
user_info ──Delete── Delete User                      ↓
          from DB                                  Place order ──Write the── Orders DB
                                                               order
                                                               details
                                                               to DB
              Add supplier
```

Tool used:

- PHP
- MySQL
- HTML
- CSS
- Javascript
- JQuery
- Bootstrap
- Xampp
- Visual Studio Code

Code:
https://drive.google.com/drive/folders/1lvNcHwBg6ONCkYYyLZ0eNLvM8Di70JNS?usp=sharing

Demo video:
https://drive.google.com/file/d/1aFluGZM4JvvkyU15ogOHJe6tgSCUuKPb/view?usp=sharing