**Online Shopping**

**Project Required Document(PRD):**

**PURPOSE:**

Online Shopping is a lifestyle e-commerce web application, which retails various fashion and lifestyle products. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user’s input. The user can then view the complete specification of each product. This project allows viewing various products available enables registered users to purchase desired products instantly place order. This project provides an easy access to Administrators and Managers to view orders

**Understanding project:**

Online Shopping is a lifestyle e-commerce web application. In this application admin can login by using username and password .And also He can add and update the categories and products.Customer or User can view the categories and products. The search engine provides an easy and convenient way to search for products where a user can Search for a product interactively and the search engine would refine the products available based on the user’s input. The user can then view the complete specification of each product. He/she can select products and can order

**Existence:**

Most shops are experienced some draw back in their operation due to thecurrent shopping system (manual shopping) which are

* Lack of accuracy in customer’s record
* Slow in processing customer’s records
* Lack of proper accountability
* It does not give a customer the incredible convenience to shop at any timeof the day due to the limited working hours

**Proposal:**

Online stores do not have space constraints and a wide variety of products can be displayed on websites. It helps the analytical buyers to purchase a product after a good search.



**The convenience of online shopping**

Customers can purchase items from the comfort of their own homes or workplace. Shopping is made easier and convenient for the customer through the internet. It is also easy to cancel the transactions.

* Saves time and efforts.
* The convenience of shopping at home.
* Wide variety/range of products are available.
* Good discounts / lower prices.
* Get detailed information about the product.
* We can compare various models/brands.

**No pressure shopping**

* Generally, in physical stores, the sales representatives try to influence the buyers to buy the product. While in online shopping, you're free to do as you will.

**Online shopping saves time**

* Customers do not have to stand in queues in cash counters to pay for the products that have been purchased by them. They can shop from their home or workplace and do not have to spend time travelling.

**Online shopping saves money**

* To attract customers to shop online, e-retailers and marketers offer discounts to the customers as they have cut down on real estate and maintenance cost the sellers won't back out in giving huge discounts

**Technical Design Document**

Project Name: Online Shopping

**ACCESS:**

* **Admin Role:**
* Admin can login.
* Admin can add and update category.
* Admin can add and update products.
* Manages order.
* **Customer**
* Customers can signup.
* Customer Login.
* Customer can view products.
* Customer can select place order.
* Can see order details.

**Software Requirements:**

**Front end**: HTML,CSS,JAVASCRIPT

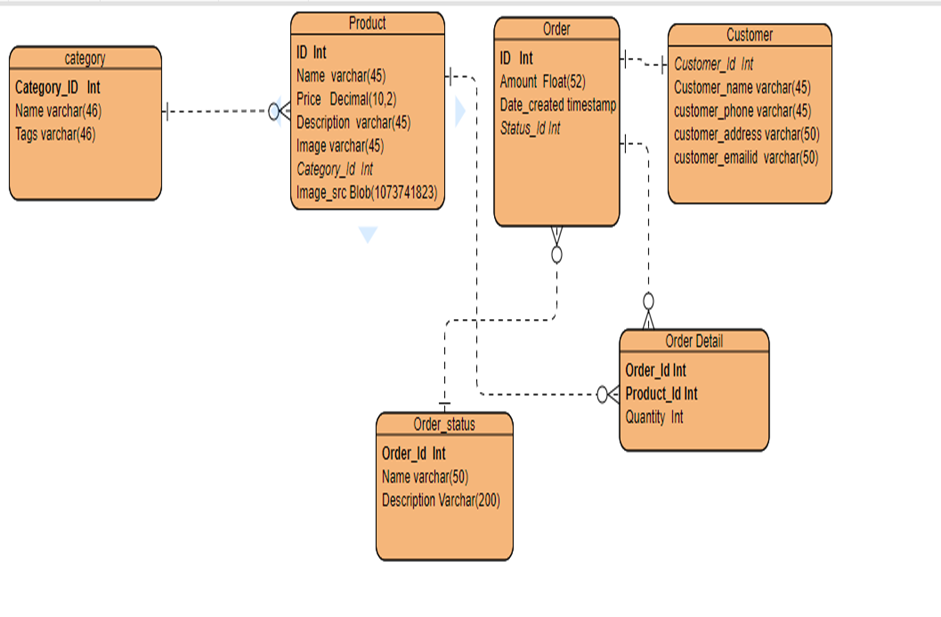
**Backend**: SQL Oracle.

**Connection**: JDBC.

**Server-Side Technologies:** JSP,Servlets

**Sever:** Apache TOMCAT

**Database ER-diagram**

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