1. DELIVERABLE FOR STEP ONE: Name of dynamic website and its URL

NAME: Amazon

URL: https://www.amazon.com/

2. DELIVERABLE FOR STEP TWO: Schema of the database underneath

CUSTOMERS
CustID
Name
Phone_Number
Email_address
Physical_address
Preferences

SUPPLIERS
SuppID
Name
Phone_Number
Email_address
Physical_address

ORDERS
OrderID
CustID
Product ID
Quantity
Date
Amount
Total_Amount

PRODUCTS
ProductID
SupplierID
Name
Quantity
Category
Sub_Category
Price

TRACK
TrackID
OrderID
Mode
Stage
Status

3. DELIVERABLE FOR STEP THREE: ERD showing the database

SUPPLIERS
- **SuppID**
- Name
- Phone_Number
- Email_address
- Physical_address

PRODUCTS
- **ProductID**
- *SupplierID*
- Name
- Quantity
- Category
- Sub_Category
- Price

CUSTOMERS
- **CustID**
- Name
- Phone_Number
- Email_address
- Physical_address
- Preferences

ORDERS
- **OrderID**
- *CustID*
- *Product ID*
- Quantity
- Date
- Amount
- Total_Amount

TRACK
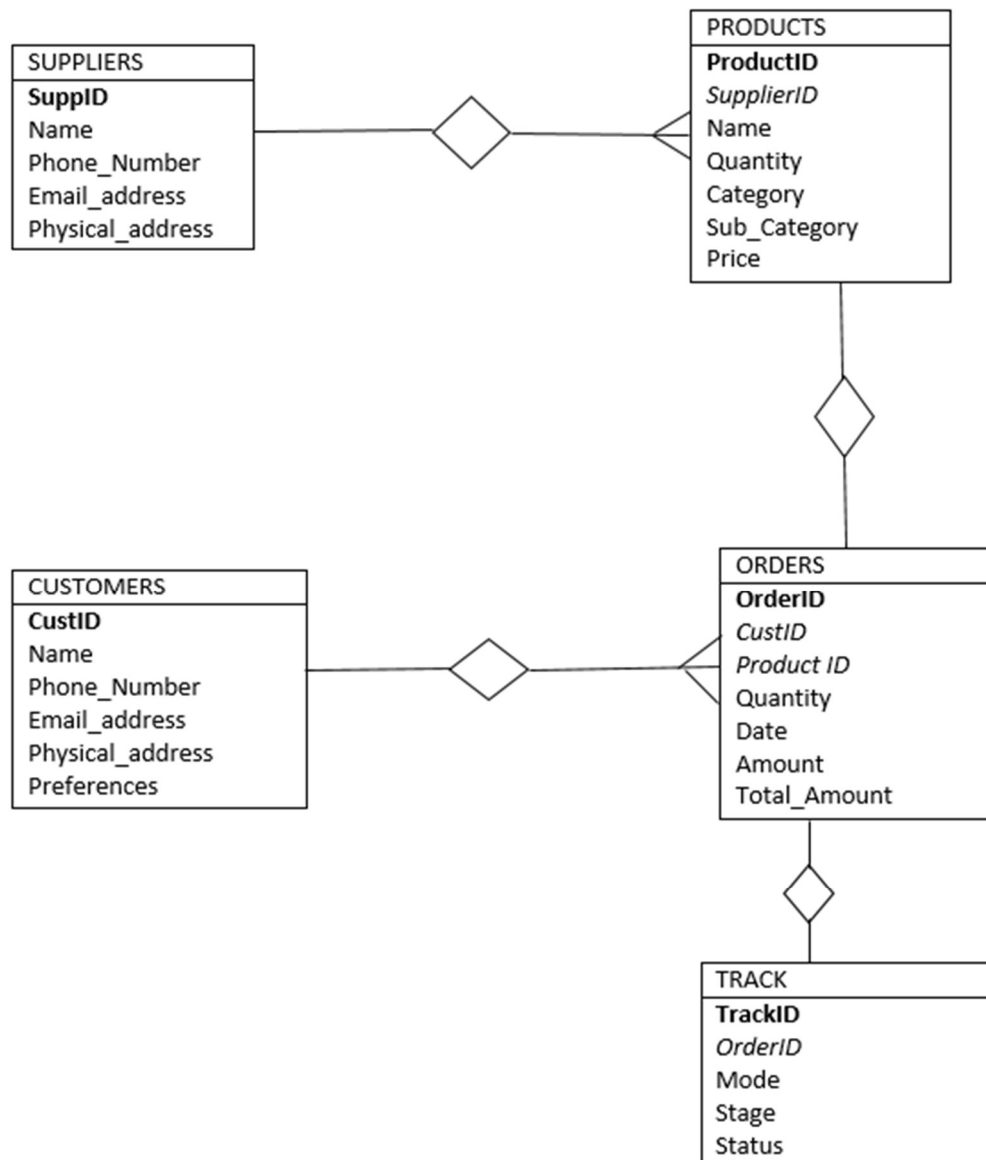- **TrackID**
- *OrderID*
- Mode
- Stage
- Status

Figure 1: ERD showing the database

4. DELIVERABLE FOR STEP FOUR: Visiting five pages and showing SQL used to generate the page.
   - Viewing products in a given sub category

https://www.amazon.com/s?i=specialty-aps&bbn=16225019011&rh=n%3A7141123011%2Cn%3A16225019011%2Cn%3A6358539011&_encoding=UTF8&ref=sd_allcat_nav_desktop_sa_intl_watches

Select * from products where categories ='mensfashion' and sub_category = 'watches';

   - Viewing user account

https://www.amazon.com/gp/css/homepage.html?ref_=nav_AccountFlyout_ya

select * from customers where email_address='abc@gmail.com';

   - Viewing customer order

https://www.amazon.com/gp/css/order-history?ie=UTF8&ref_=nav_youraccount_orders

Select orderid from customers where customers.orderid=orders.orderid;

   - Updating customer email address

https://www.amazon.com/ap/cvf/request?arb=1ae2aa39-5655-44be-9b08-2a553f937471&openid.assoc_handle=usflex&clientContext=131-9295996-3831760

update customers set email_address=? where custid=' 3831760';

   - Viewing customers recommendations as per preferences

https://www.amazon.com/gp/yourstore?ref_=nav_AccountFlyout_recs

select * from track where orderid= 412491614;