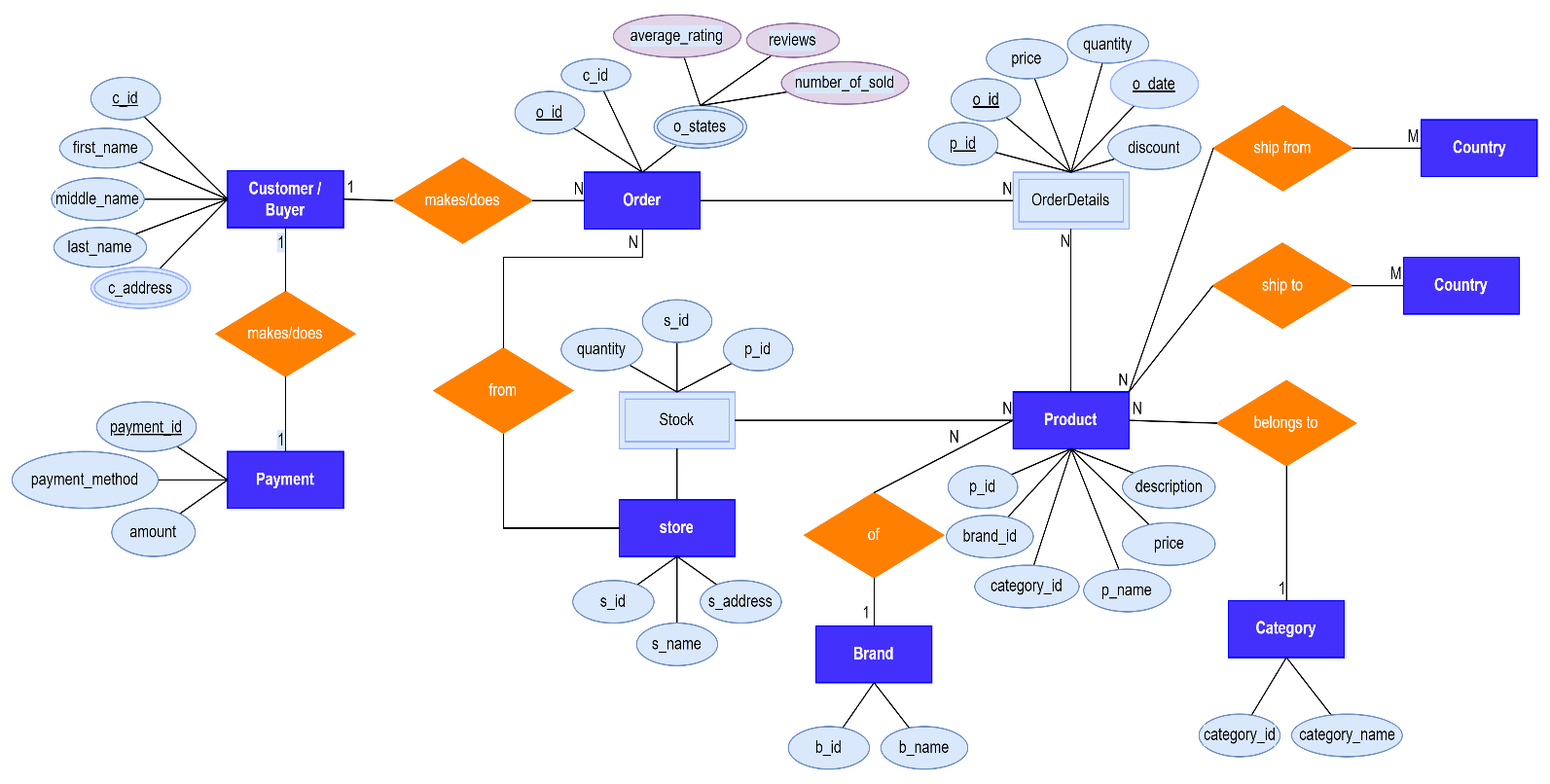


Online shoping

Group Member: Nasir Ali



**ER-Diagram**

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**Schema**

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| DROP DATABASE IF EXISTS dbms\_project\_online\_shoping;  CREATE DATABASE dbms\_project\_online\_shoping;  USE dbms\_project\_online\_shoping;  SHOW TABLES;  -- -------------------  -- Customers  -- -------------------  CREATE TABLE customers  (c\_id int(20) NOT NULL UNIQUE auto\_increment,  first\_name varchar(15),  middle\_name varchar(15),  last\_name varchar(15),  c\_address varchar(100),  PRIMARY KEY(c\_id)  );  -- -------------------  -- Ordes  -- -------------------  CREATE TABLE orders  (o\_id int(20) NOT NULL UNIQUE auto\_increment,  c\_id int(20) NOT NULL,  PRIMARY KEY(o\_id),  FOREIGN KEY(c\_id) REFERENCES customers(c\_id)  );  -- -------------------  -- Category  -- -------------------  CREATE TABLE categories  (category\_id int(10) NOT NULL UNIQUE auto\_increment,  category\_name varchar(20) NOT NULL UNIQUE,  PRIMARY KEY(category\_id)  );  -- -------------------  -- Brands  -- -------------------  CREATE TABLE brands  (b\_id int(10) NOT NULL UNIQUE auto\_increment,  b\_name varchar(20) NOT NULL UNIQUE,  PRIMARY KEY(b\_id)  );  -- -------------------  -- Products  -- -------------------  CREATE TABLE products  (p\_id int(30) NOT NULL UNIQUE auto\_increment,  b\_id int(10) NOT NULL,  category\_id int(5) NOT NULL,  p\_name varchar(20),  price numeric(10,2),  desc\_ varchar(100),  PRIMARY KEY(p\_id),  FOREIGN KEY(b\_id) REFERENCES brands(b\_id),  FOREIGN KEY(category\_id) REFERENCES categories(category\_id)  );    -- -------------------  -- Stores  -- -------------------  CREATE TABLE stores  (store\_id int(20) NOT NULL auto\_increment,  store\_name varchar(70) NOT NULL UNIQUE,  PRIMARY KEY(store\_id)  );  -- -------------------  -- Order Details  -- -------------------  CREATE TABLE order\_details  (p\_id int(3) NOT NULL,  o\_id int(20) NOT NULL,  o\_date date NOT NULL,  price numeric(10,2),  discount int NOT NULL CHECK (discount BETWEEN 1 and 100),  PRIMARY KEY(p\_id, o\_id, o\_date)  );  -- DESCRIBE order\_details;  -- -------------------  -- Stock  -- -------------------  CREATE TABLE stock  (stock\_id int(20) NOT NULL auto\_increment,  p\_id int(30) NOT NULL,  quantity int(20),  PRIMARY KEY(stock\_id),  FOREIGN KEY(p\_id) REFERENCES products(p\_id)  );  -- SHOW TABLES;    -- Inserting Data into Categories  INSERT INTO categories  VALUES  (1,"Laptop"),  (2, "Phone"),  (3, "Camera"),  (4, "Watch");    -- Inserting data into brands  INSERT INTO brands  VALUES  (1,"Xiaomi"),  (2, "iPhone"),  (3, "Samsung"),  (4, "Sony");  -- Inserting data into products  INSERT INTO products  VALUES  (1,1,2,"Samsung S7", 90000, "None"),  (2,1,2,"Samsung S5", 40000, "None"),  (3,2,1,"MacBook Air", 100000, "None");  -- Inserting data into customers  INSERT INTO customers  VALUES  (1,"Aslam", "Ali", "Khan", "Azizabad, Khan Road, Sukkur");  INSERT INTO customers(first\_name, middle\_name, last\_name, c\_address)  VALUES  ("Shoaib", "Ali", "Rana", "Military Road, Sukkur"),  ("Ali", "Hyder", "Shaikh", "Military Road, Sukkur");  -- Inserting data into orders  SELECT \* FROM orders;  SELECT \* FROM categories; |