

**JAYPEE INSTITUTE OF
INFORMATION TECHNOLOGY
Sector 62, Noida, (U.P.)**



**DATABASE SYSTEM AND WEB
(15B11CI312)
PROJECT - SYNOPSIS**

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TITLE OF THE PROJECT:



GROCERY SHOP MANAGEMENT SYSTEM

TEAM MEMBERS:

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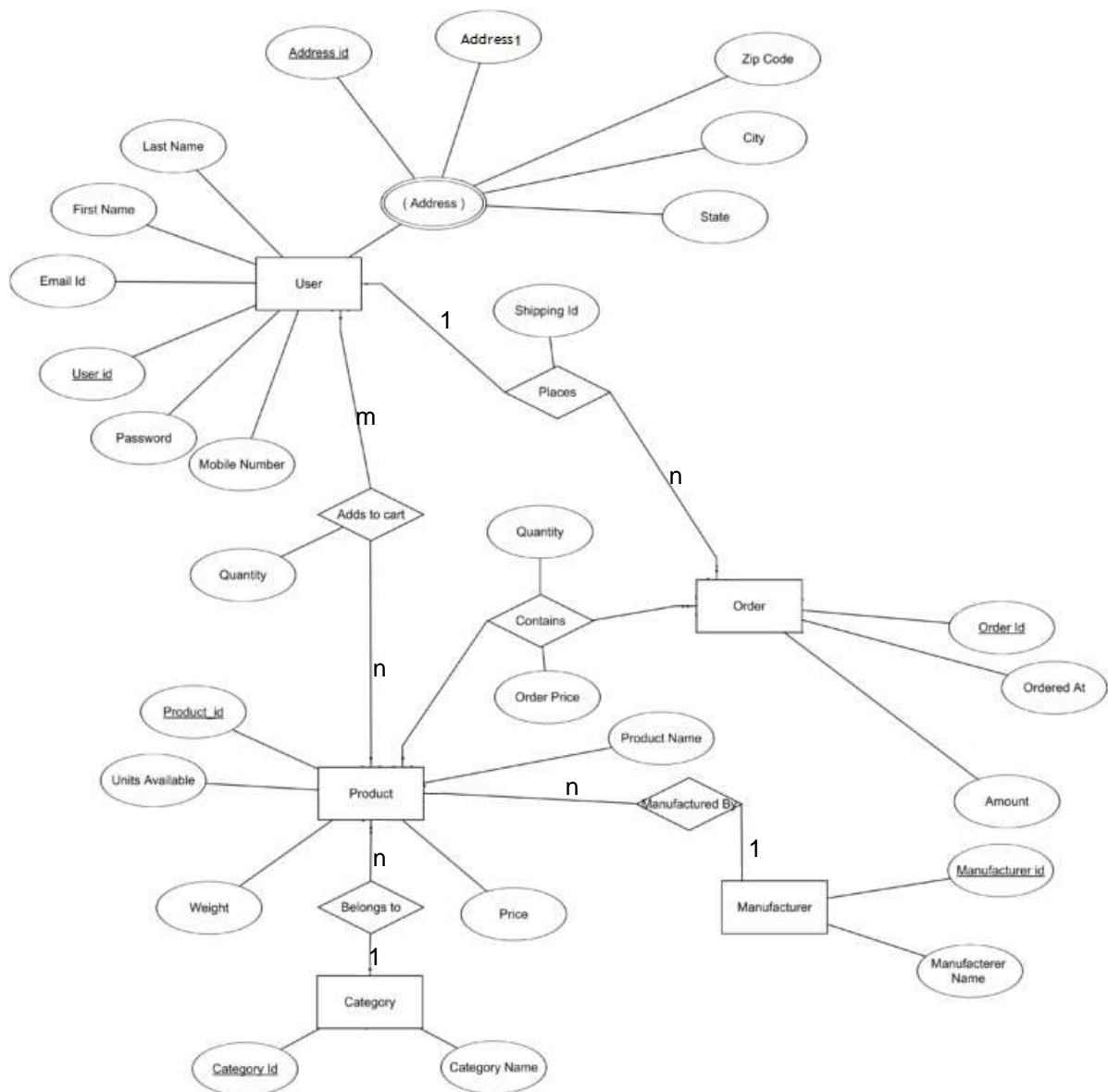
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ABSTRACT OF THE PROJECT:

The main objective of this Web application is to provide an online product/ grocery purchasing website.

The purpose of this system is to automate the existing system by the help of software which helps the shopkeeper fulfilling all his requirements by providing all types of create, read and update operations. It also helps to store the data and information in the form of computerised records for a longer period of time with easy accessing and manipulation of the same. This in turn would make the management more efficient by reducing the manual work and also provide better utilisation of resources. It will also help in providing better services to the customers.



User

| | | |
|----------------|-------------|-------------|
| <u>User_Id</u> | INT | PRIMARY KEY |
| Email_Id | VARCHAR(60) | NOT NULL |
| Password | VARCHAR(10) | NOT NULL |
| First_Name | VARCHAR(30) | |
| Last_Name | VARCHAR(30) | |
| Mobile_No | LONG INT | NOT NULL |

Address

| | | |
|-------------------|-------------|---------------------------------------|
| <u>Address_Id</u> | VARCHAR(60) | PRIMARY KEY |
| Address_ | VARCHAR(60) | NOT NULL |
| Zip_Code | INT | NOT NULL |
| City | VARCHAR(20) | NOT NULL |
| State | VARCHAR(20) | NOT NULL |
| User_Id | INT | FOREIGN KEY REFERENCES User |

Product

| | | |
|-------------------|-------------|--|
| <u>Product_Id</u> | INT | PRIMARY KEY |
| Product_Name | VARCHAR(50) | NOT NULL |
| Units | INT | NOT NULL |
| Weight | INT | NOT NULL |
| Price | INT | NOT NULL |
| Category_Id | INT | FOREIGN KEY REFERENCES Category |
| Manufacturer_Id | INT | FOREIGN KEY REFERENCES Manufacturer |

Category

| | | |
|--------------------|-------------|-------------|
| <u>Category_Id</u> | INT | PRIMARY KEY |
| Category_Name | VARCHAR(50) | NOT NULL |

Manufacturer

| | | |
|------------------------|-------------|-------------|
| <u>Manufacturer_Id</u> | INT | PRIMARY KEY |
| Manufacturer_Name | VARCHAR(50) | NOT NULL |

Order

| | | |
|-------------|------|---|
| Order_Id | INT | PRIMARY KEY |
| Order_Time | TIME | |
| Amount | INT | NOT NULL |
| Shipping_Id | INT | NOT NULL |
| Address_Id | INT | FOREIGN KEY REFERENCES Address |
| User_Id | INT | FOREIGN KEY REFERENCES User |