

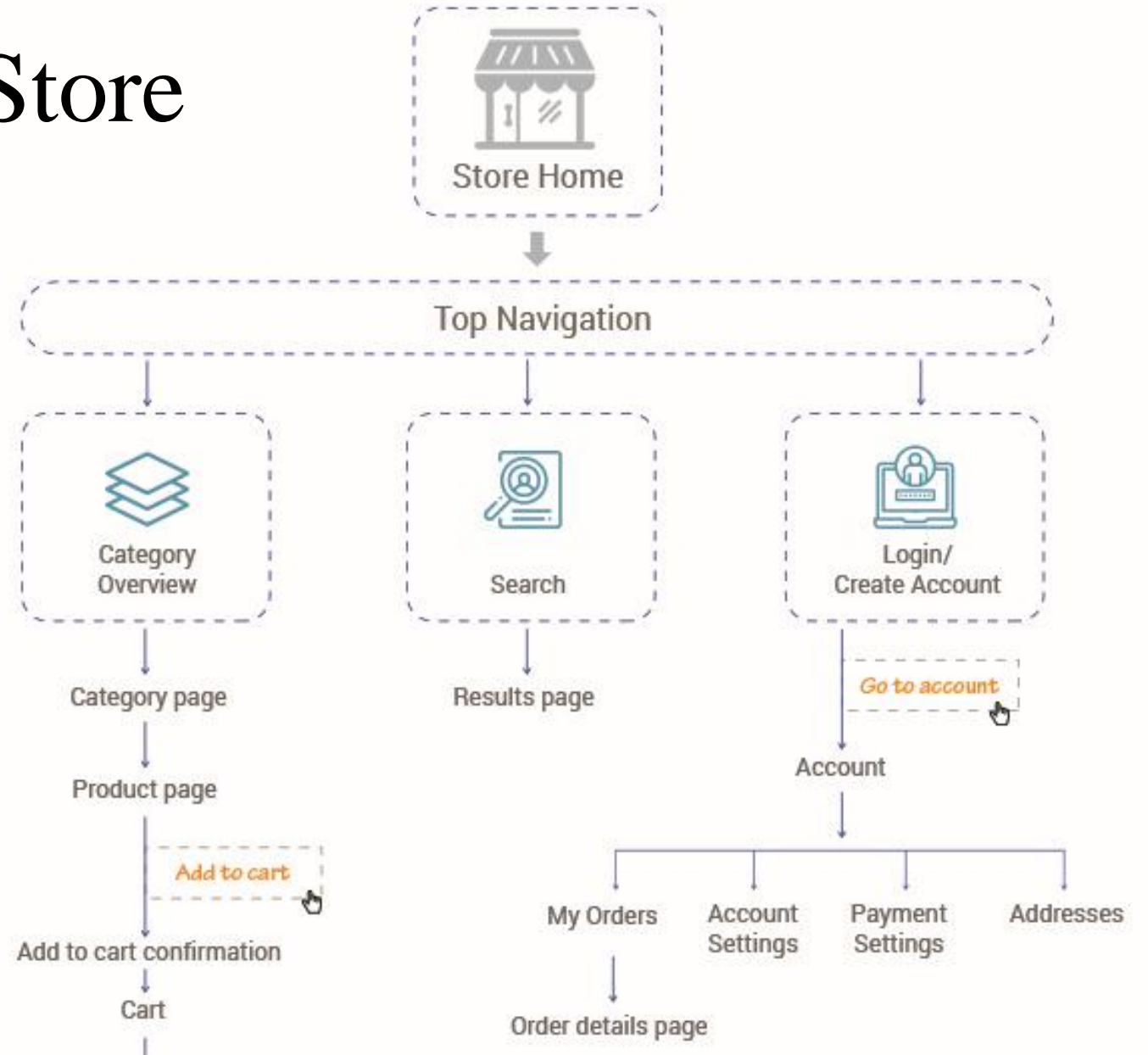


# Розробка інтернет- магазину електронних товарів

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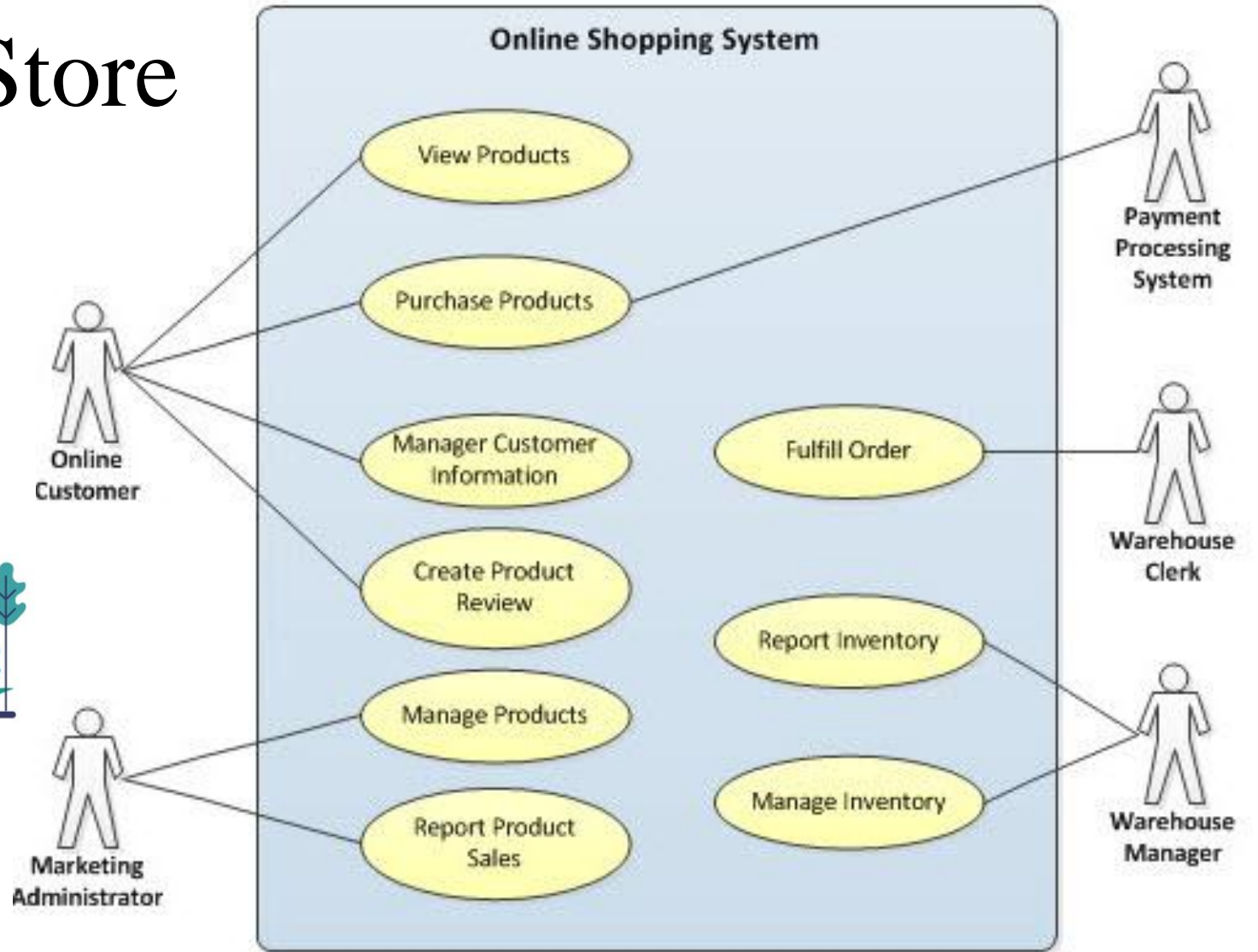
# Structure an Online Store

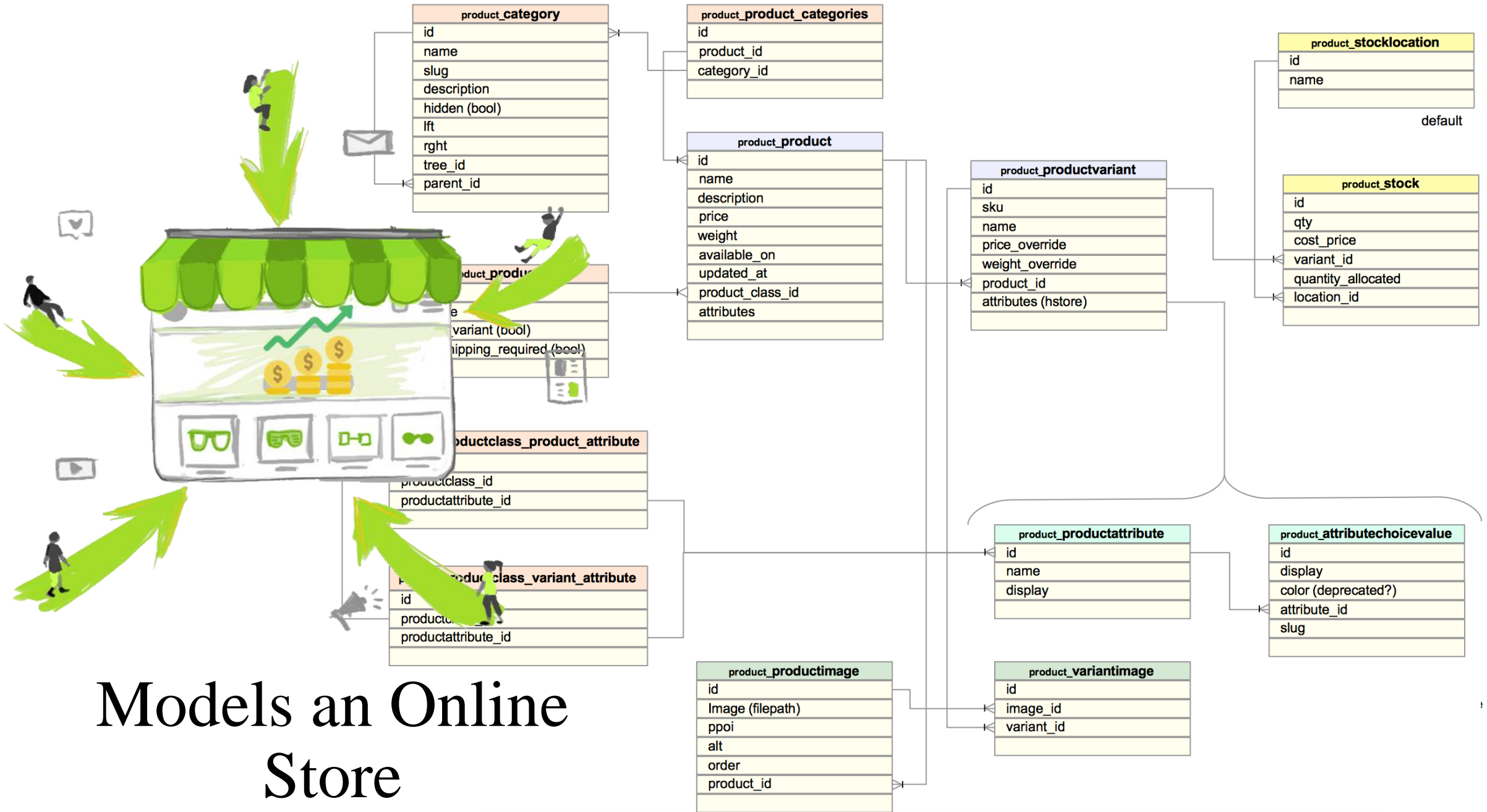


# Benefits an Online Store



# Models an Online Store

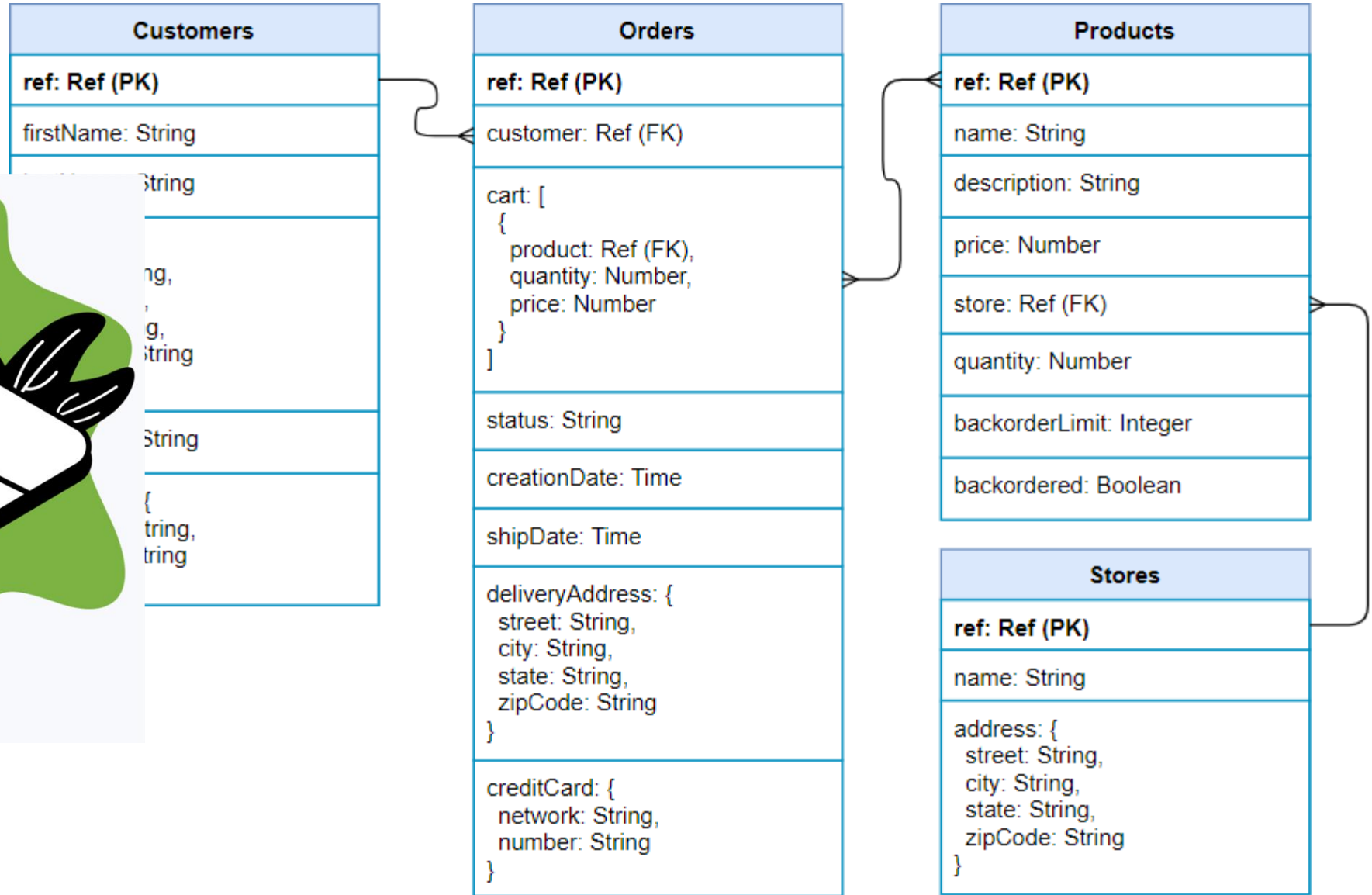




# Models an Online Store



# Model implementation

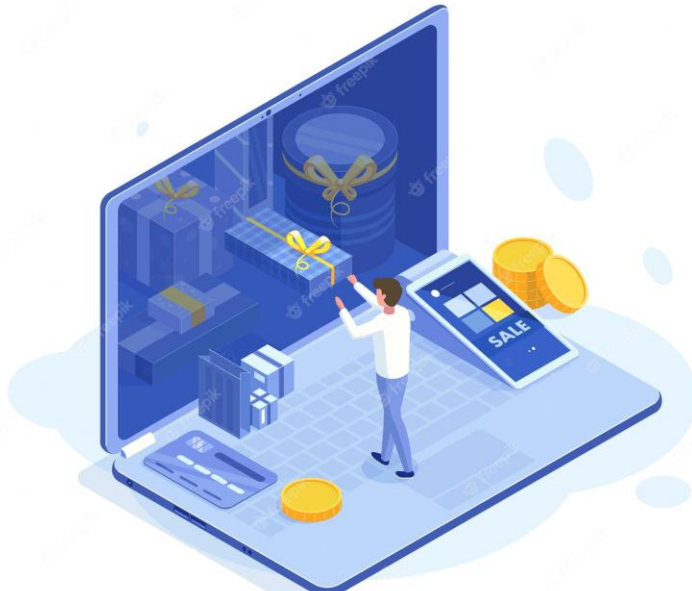




# Code example

```
struct Product findProduct(int id)
{
    FILE *fp;
    struct Product t;
    fp=fopen(fproduct,"rb");
    while(1)
    {
        fread(&t,sizeof(t),1,fp);
        iffeof(fp)
        {
            break;
        }
        if(t.id==id)
        {
            updateProduct(id,t.qty-1);
            break;
        }
    }
    fclose(fp);
    return t;
}
```

```
void purchaseProduct()
{
    char ch1,ch2;
    int id;
    system("clear");
    printf("=====\n\n");
    printf("\t\t Welcome Product Management System\n\n");
    printf("=====\n\n");
    while(1)
    {
        displayAllProduct();
        //_fpurge(stdin);
        fflush(stdin);
        printf("\n\nDo you want to purchase [Y/N]:");
        scanf("%c",&ch1);
        if(ch1=='Y')
        {
            FILE *fp;
            struct Bill t1;
            struct Product t2;
            fp=fopen(fbill,"ab");
            printf("\n\nEnter the product ID to purchase:");
            scanf("%d",&id);
            t2=findProduct(id);
            t1.pid=t2.id;
            strcpy(t1.pname,t2.name);
            t1.pprice=t2.price;
            fwrite(&t1,sizeof(t1),1,fp);
            fclose(fp);
        }
        //_fpurge(stdin);
        fflush(stdin);
        printf("\n\nDo you want to continue [Y/N]:");
        scanf("%c",&ch2);
        if(ch2=='N')
        {
            break;
        }
        system("pause");//mygetch();
    }
}
```



```

1 to Add Item
2 to Delete Items
Any other number to Exit
1
Enter
1 - Computer Accessories
2 - Shoes
3 - Mobiles
Any other number to exit
2
Enter
1 - Adidas - Rs.3550
2 - Nike - Rs.5000
3 - Leecooper - Rs.2800
Any other number to exit
1
You chose Adidas Shoes for Rs.3550.Are you sure to buy.If 'Yes' Enter 1 else any n
1
Your Cost in Cart is 7455
Mahidhar's cart
Id      Items          Quantity      Cost
0      Sandisk 16 GB    1             355
3      Adidas           2             7100
Total Cost
7455
If you wish to buy anything more Enter
1 to Add Item
2 to Delete Items
Any other number to Exit
1
Enter
1 - Computer Accessories
2 - Shoes
3 - Mobiles
Any other number to exit
3
Enter
1 - Mi Note 3 - Rs.11000
2 - Nokia 3 - Rs.9866
3 - Samsung - Rs.12800
Any other number to exit
2
You chose to buy Nokia 3 for Rs.9866.Are you sure to buy.If 'Yes' Enter 1 else any
1
Your Cost in Cart is 17321
Mahidhar's cart
Id      Items          Quantity      Cost
0      Sandisk 16 GB    1             355
3      Adidas           2             7100
7      Nokia 3         1             9866
Total Cost
17321

```

```

Enter
1.To Calculate electricity of your own custom values
2.To use Predefined values
1
Enter First Name
Mahidhar
Enter Last Name
Guggilam
Enter Cost/Unit for 1 - 50 units
0.12
Enter Cost/Unit for 51 - 100 units
0.35
Enter Cost/Unit for 101 - 200 units
0.49
Enter Cost/Unit for 201 - 300 units
0.6
Enter Cost/Unit for >300 units
0.69
Enter Extra Charge
0.30
Enter Total Number of Units used/consumed
305
*****Hi Mahidhar Guggilam*****

```

```

*****Your Electricity Bill*****

Unit Range      Cost
1 - 50          0.12
51 - 100        0.35
101 - 200       0.49
201 - 300       0.60
>300            0.69

Sum=135.949997
Collecting Extra Charge of 0.300000 on total amount of 135.949997
Total Amount Costed=176.735001

```

# Software implementation

Дякую за увагу!