

Cis 641

IN CLASS Assignment

Group members:

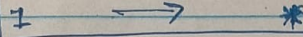
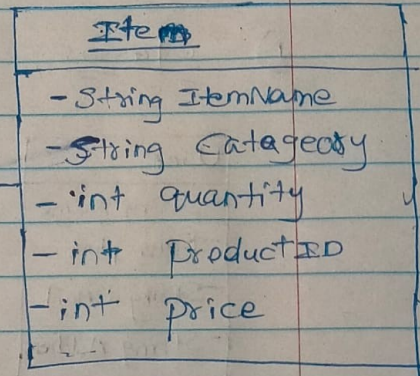
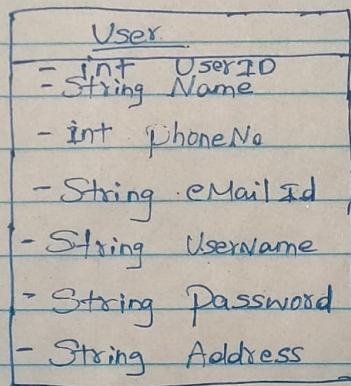
Akhil dondatea

Divya Pamudurthi

Mahesh korrapati

Shruthi maggidi

## 1) Classes



## Database Tables (Relational Database Model)

### 2) User

User-ID	Name	phoneNo	emailID	Username	Password	Address
1	Mahesh	8978557515	mahesh@gmail.com	Mahesh123	xxxxxxx	321, Manzanita Way Walpole, MA 01953

### Item

ItemName	Category	Quantity	ProductID	Price	User-ID
SNICKERS	Snacks & Candies	1	46488	2.19\$	1

'Foreign key = User-ID'

3) Optimizing the Database Model → in this case  
Normalizing the DB Table

User ID	Name	Phone No	Email ID	Username	Password	Address	Item Name	Category	Quantity
1	Maahesh	8978555715	maahesh@gmail.com	Maahesh123	Xxxxx	321, Manzana CT, WA -ker, WA 99534	SNACKERS	Snacks & Candies	1

Product ID	Price
46488	9.19\$