

**UrbanKart** is planning to launch an online store. In preparation for that they plan to develop an application for online shopping, managing their delivery logistics

### #1. Shopping

Develop an application that can be used for online shopping

1. Allow users to register with mobile numbers, and place(address)  
// return true if Success or false if fails - like mobile number already exists / invalid mobile number  
AddUsers(user User) bool
2. Allow users to fetch list of products
3. //type - product type, such as mobile, tv etc  
GetProducts(type string)
4. Allow users to order products  
PlaceOrder(item Product, qty int)
5. Allow users to modify order  
ChangeOrder((item Product, qty int)
6. Allow users to cancel order  
ChangeOrder((item Product, qty int)
7. Allow users to fetch their order  
//return array of prod , array of qty  
GetOrders() ([] prod, [] qty)

### # 2 Delivery Logistics

1. Allow admin to register delivery reps , with mobile number and place  
// return true if Success or false if fails - like mobile number already exists / invalid mobile number  
AddDeliveryRep(rep Rep) bool

2. Allow admin to assign a customer order to a delivery rep matching the place  
Consider the rep should not have any other assignment  
If no matching rep found return false

AssignOrder(order Order) bool

3. Allow admin to view delivery assignments for all reps  
ViewAssignments()