

Trade-Or-Treat



Pranay Singh,
Alex Domagala,
Conrad Domagala

Collect User Data

Relevant user data (name, address,
type of candy, quantity of candy)

```
Enter User name (or -1 to continue):
Lukas Folvarsky
Enter Address:
Enter Candy Name:
Kit-Kat
Enter Candy Quantity:
10
Enter User name (or -1 to continue):
Alex Domagala
Enter Address:
Enter Candy Name:
Hershey's
Enter Candy Quantity:
5
Enter User name (or -1 to continue):
Pranay Singh
Enter Address:
Enter Candy Name:
Twizzler
Enter Candy Quantity:
6
Enter User name (or -1 to continue):
-1
```

Store User Data

Data is stored in (mongoDB) database

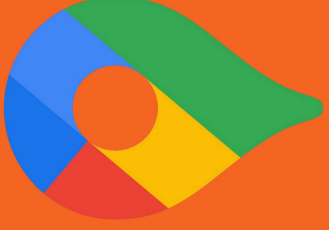
```
_id: ObjectId('6367caf45799126fb80383ee')
name: "Alex Domagala"
address: [REDACTED]
candy: "Hershey's"
quantity: "5"
lat: [REDACTED]
lng: [REDACTED]
Tradeable: Array
0: ObjectId('6367cb585799126fb80383ef')
```

```
_id: ObjectId('6367cb585799126fb80383ef')
name: "Pranay Singh"
address: [REDACTED]
candy: "Twizzler"
quantity: "6"
lat: [REDACTED]
lng: [REDACTED]
Tradeable: Array
0: ObjectId('6367caf45799126fb80383ee')
```

Who can trade with who?

Users that live in close proximity
to each other!

Google Maps API Integration!



```
current user has name: Alex Domagala  
local user willing to trade: Pranay Singh  
candy: Twizzler  
quantity: 6
```

```
current user has name: Pranay Singh  
local user willing to trade: Alex Domagala  
candy: Hershey's  
quantity: 5
```

Where to Trade?

Safe locations (library)!

trades can be conducted at the following libraries:
4 Friendship Plaza, Addison, IL 60101
40 Park St, Roselle, IL 60172
500 W Irving Park Rd, Itasca, IL 60143
1001 Wellington Ave, Elk Grove Village, IL 60007
