

# A Project Report On **Online Thrift Shop**

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Subject: System Design Practice

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## **CERTIFICATE**

**This is to certify that the practical / term work carried out in the subject of System Design Practice and recorded in this journal is the bonafide work of**

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### **Abstract:**

ReTagIt is a Free Store where various clothing and household goods are available to the community at no charge. This service helps families stay afloat financially. They can use their income to pay for shelter, food and transportation while “shopping” for free clothing, shoes, bed linens, dishes, cookware, toys—even beds, couches, and refrigerators.

## **Technology And Tools Used:**

- **Technology:**

- React js
- Redux
- Express js
- Node js
- MongoDB

- **Tools:**

- Visual Studio Code
- Redux DevTools
- Git
- GitHub
- MonogoDB Compass
- Postman

# **SRS** **ONLINE THRIFT STORE**

## **Functional requirements :**

### **(1) Manage User**

#### **R.1.1: Register User**

*Description:* To register any user, the details such as the name, type of user, age, mobile number, email, password, etc. will be taken from the user and it will be stored in the database and a unique user id would also be generated. Users can register either as a student or a quiz organiser.

*Input:* User details

*Output:* Unique user id

#### **R.1.2: Login**

*Description:* The details username/email and password would be taken from the user, then it would be validated from the record in the database and then the user would be given access to his/her account if the credentials are true.

*Input:* Username, email, password

*Output:* Account access

### **(2) Manage Item**

#### **R.2.1: Add Item**

*Description:* User can add an item after login to the website

*Input:* Item Title, image, description, address

*Output:* Success message

#### **R.2.2: Delete Item**

*Description:* User can delete an item that hi/she added after login to the website

*Input:* User Selection

*Output:* Success message

### **R.2.3: Make a request to item**

*Description:* User can make a request to the item owner

*Input:* User Selection

*Output:* Success message

### **R.2.4: Accept item request**

*Description:* User can accept a request of the requested user

*Input:* User Selection

*Output:* Item deleted from the list

### **R.2.5: Accept item request**

*Description:* User can reject a request of the requested user

*Input:* User Selection

*Output:* Success message

### **R.2.5: View items**

*Description:* User can view all added items

*Input:* User Selection

*Output:* items

## **Data Dictionary:**

### **User**

Field	Datatype	Constrain
user_id	String	Primary Key
Name	String	-
Email	String	-
Mobile	Number	-
Password	String	-

### **Item:**

Field	Datatype	Constrain
item_id	String	Primary Key
user	User	Foreign Key
Title	String	-
Description	String	-
State	String	-
City	String	-
Neighbourhood	String	-



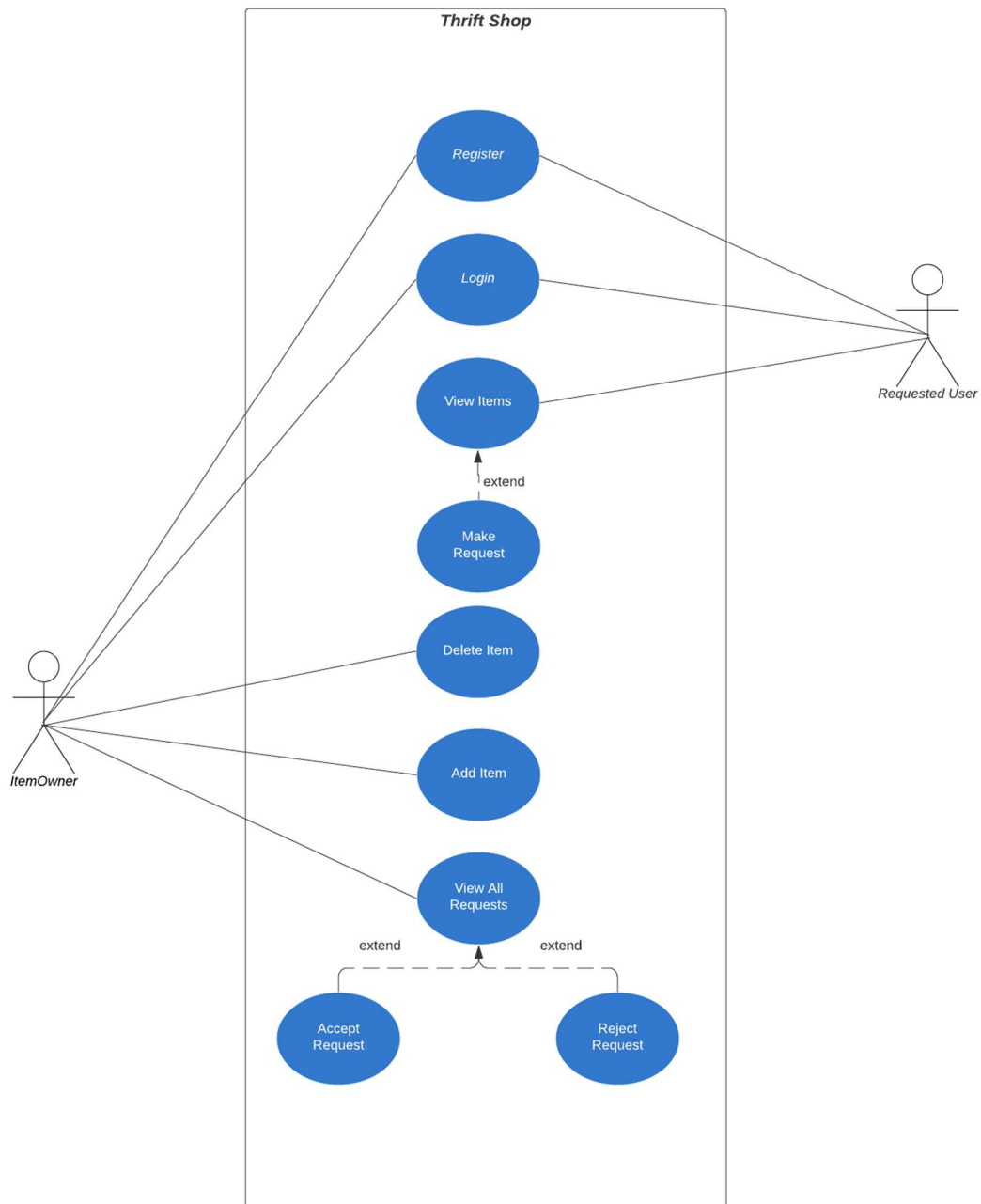
*Requested Item:*

Field	Datatype	Constrain
Requested_item_id	String	Primary Key
owner	User	Foreign Key
Requested User	User	Foreign Key
Date	Date	-
Item	Item	Foreign Key
Permission	Boolean	-

# UseCase Diagram:

## Use case diagram

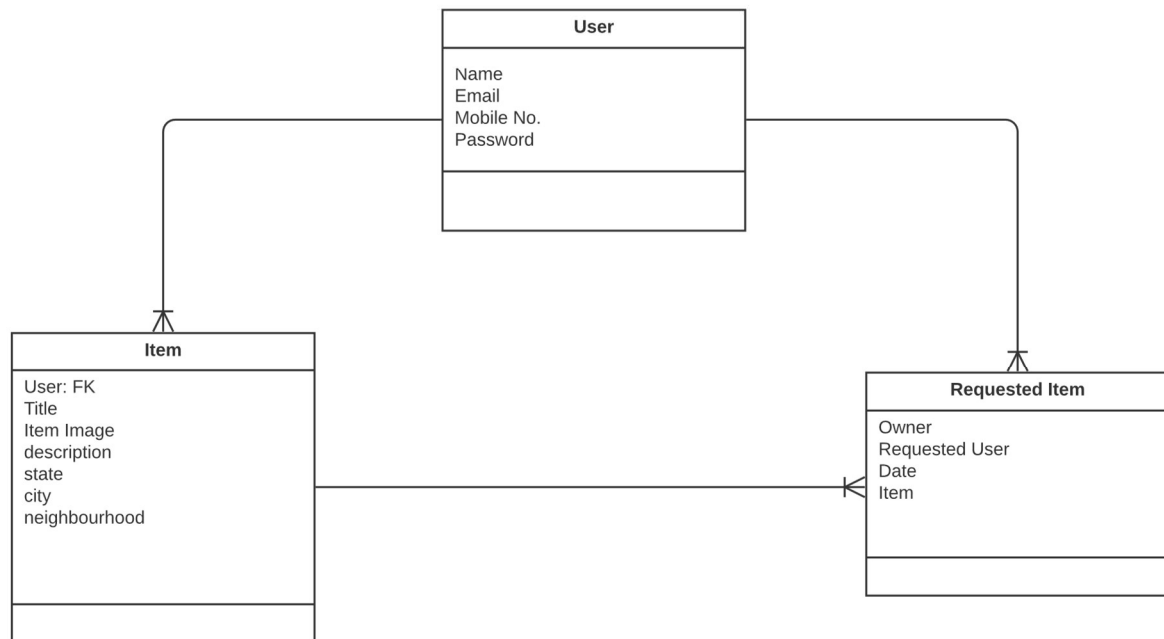
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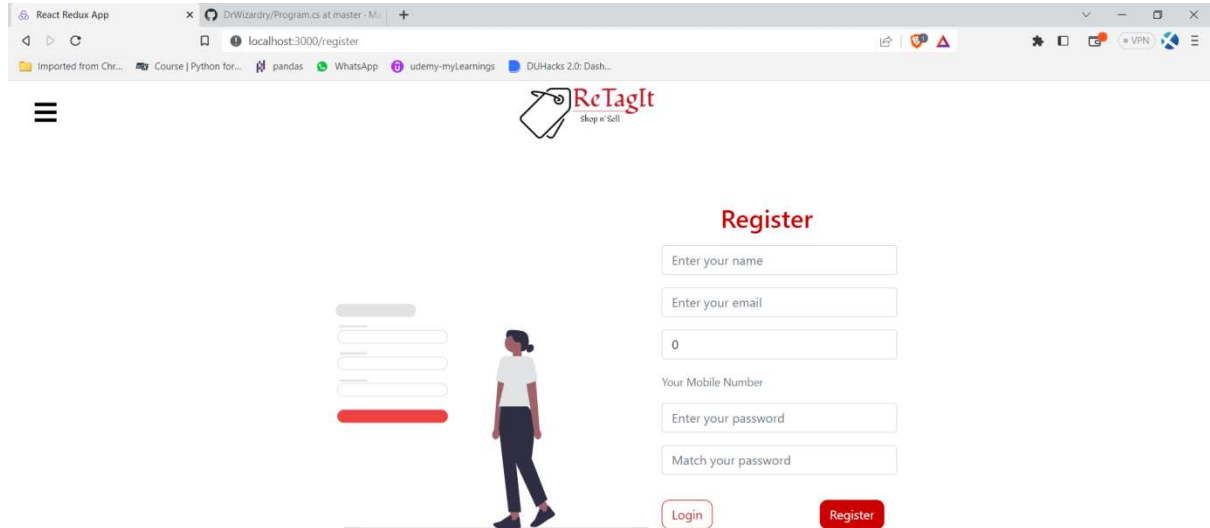
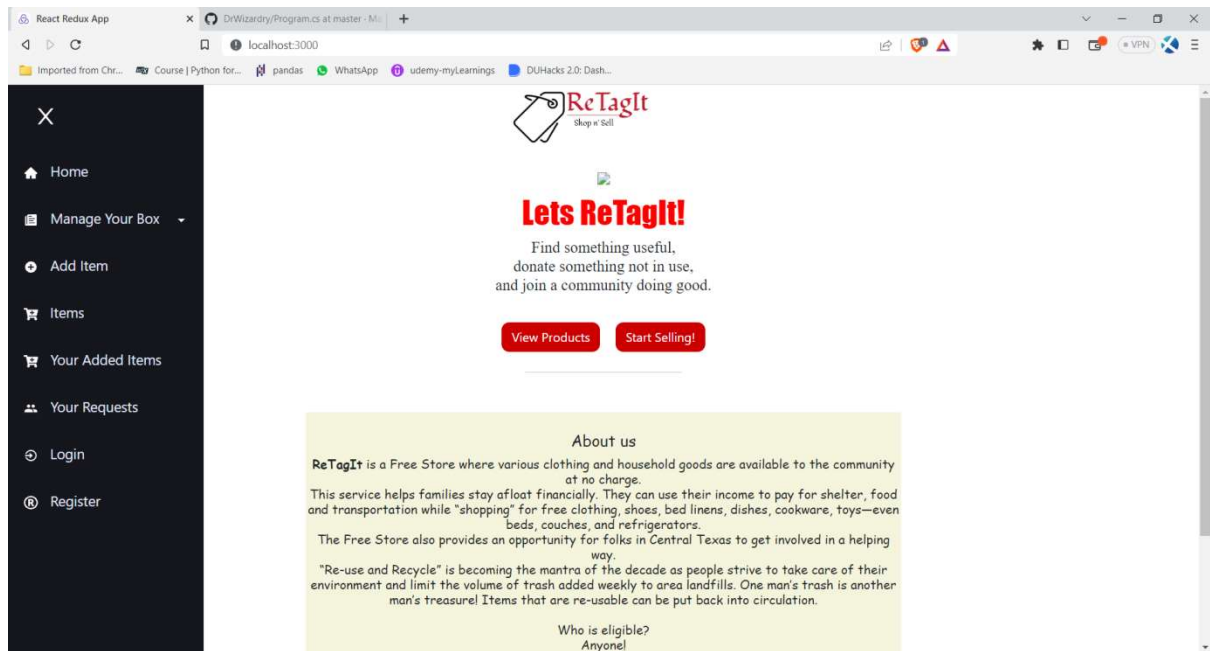
## **Class Diagram:**

### Thrift Shop

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## Screen Shots of the System:





Enter item title

Description

state

city

neighbourhood

Choose File No file chosen

Submit



successfully requested

**tshirt**  
orange size M brand zara brand new  
ranibaug delhi delhi

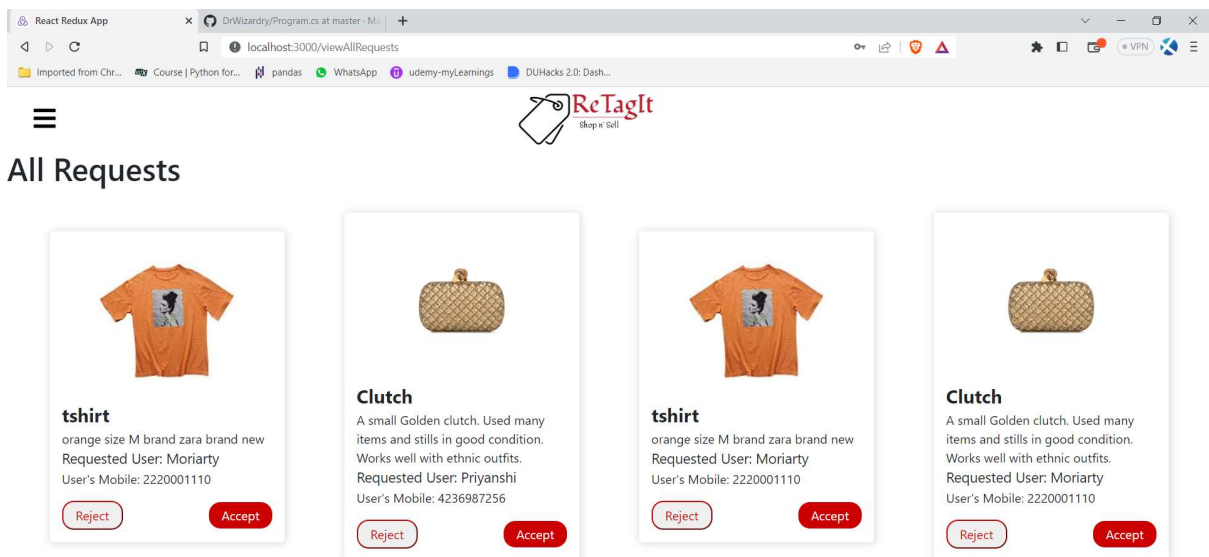
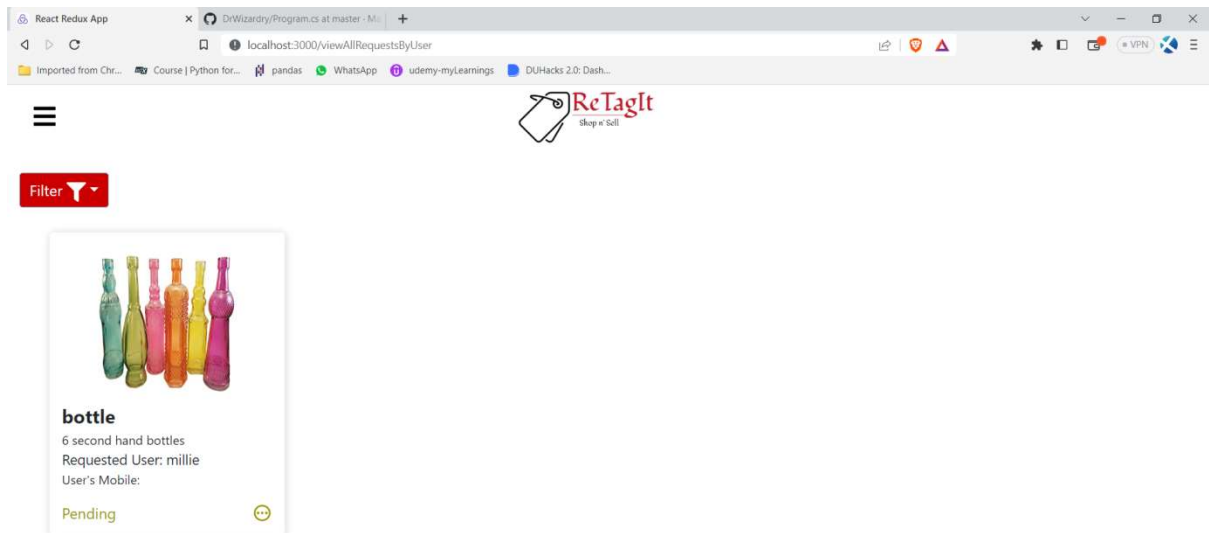
Request

**bottle**  
6 second hand bottles  
collegeroad nadiad gujarat

Request

**Clutch**  
A small Golden clutch. Used many it...  
RaniBaug Delhi Delhi

Request







Filter



**bottle**  
6 second hand bottles  
Requested User: millie  
User's Mobile:  
Pending



**Clutch**  
A small Golden clutch. Used many items and stills in good condition. Works well with ethnic outfits.  
Requested User: millie  
User's Mobile:  
Rejected



**tshirt**  
orange size M brand zara brand new ranibaug delhi delhi  
Delete

## **Limitations and future extension of system:**

### **Limitations:**

- User can not add quantity
- No tract of item is actually received or not

### **Future extension:**

- Chat system will be added between owner and requested user
- Search system will be implemented