Shopping mart

- Develop By:

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- Id : 19bcuos048

- Developed at : Ocanmtech

- Internal Guide   External Guide

- Prof. Minaz Shaikh   Manoj Hirapra

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- System requirements
- Hardware and software configuration
- Feature and tools
- Detail Description of system
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- Future expectation

About the system

Title	Shopping mart
Definition	Shopping mart is project where the user can buy the product from shop without going to the shop
Objective	1. create a website that can add remove and change the product 2. user can buy them and if needed they can cancel.
Tools and technology	Front-end : html css js Back-end : django mysql
Operating system	Windows 10 or above
Submit to	Dharmsinh Desai University

- Browsers who support
  - chrome 66.0 or about
  - Mozilla Firefox 71
  - Microsoft Edge 88
- Front End
  - HTML
  - CSS
  - JavaScript
- Back end :
  - Django

Hardware and Software Configuration (Client)

Hardware Configuration	Description
Processor	Intel i3 and above
RAM	1 GB or more

Software specification

Software specification	Description
Operating System	Windows 10
Back end	Python & Django framework

Feature and tools Used

- Django

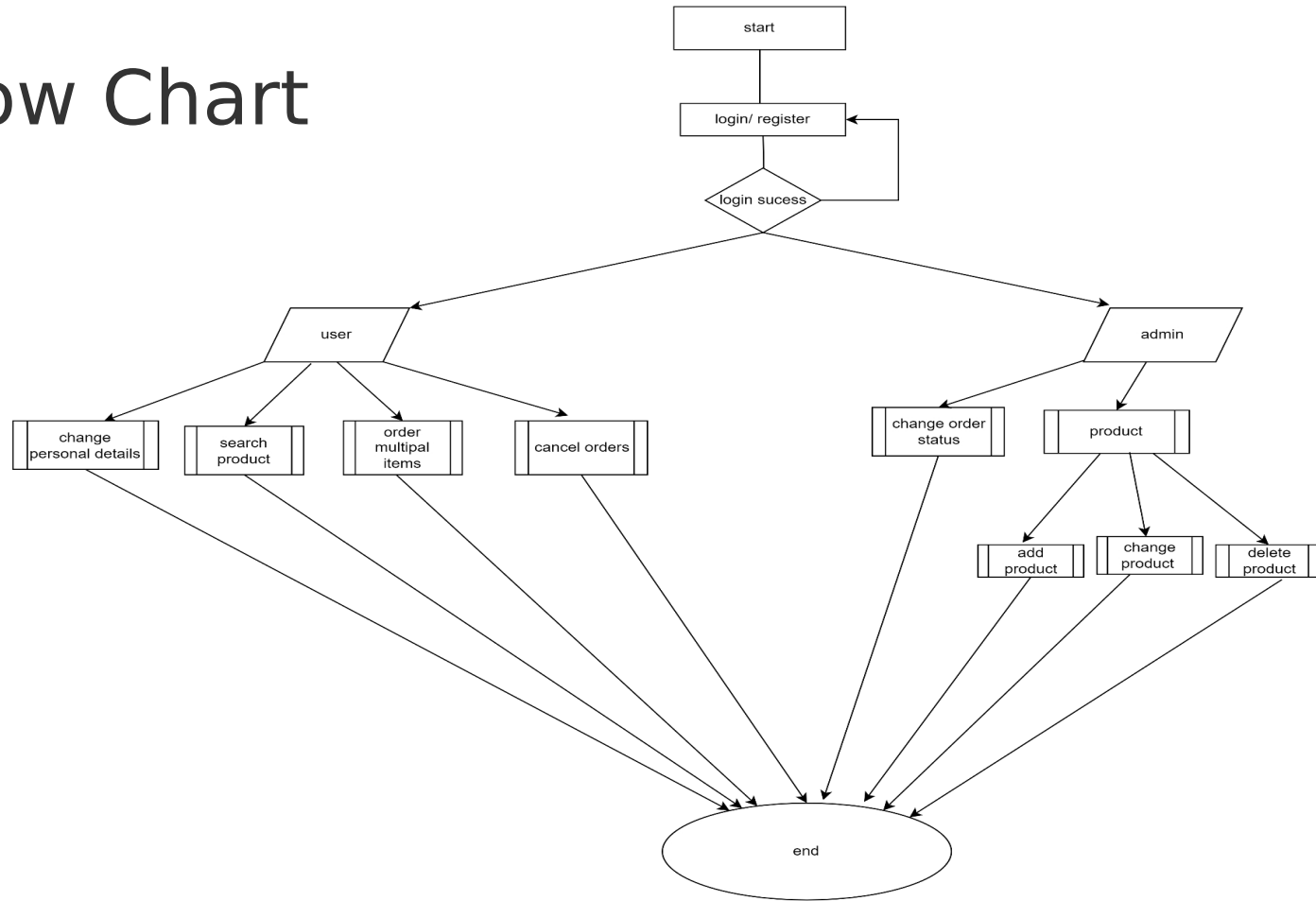Django is a framework to build the web application easier and faster with lots and lots of functionality
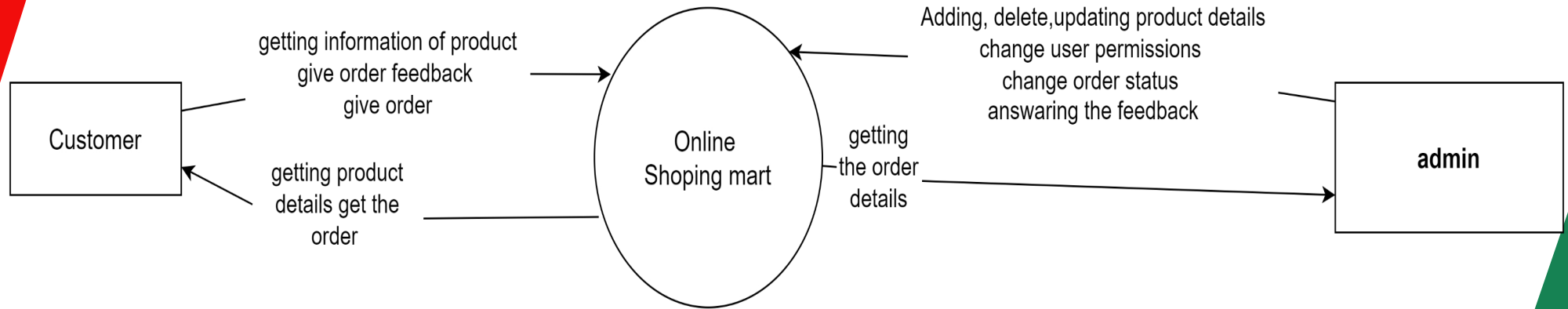
Feature and tool used

- Python

Python is a high level,general-purpose programming Language. Its design philosophy emphasizes code readability with the use of significant indentation. Its language consider and object-oriented approach aim to help programme write clear, logical code for small- and large-scale projects.

Python is dynamic-typed and garbage-collected It supports multiple programming paradigms, including structured (particularly procedural), object-oriented and functional programming. It is often described as a "batteries included" language due to its comprehensive standard library.
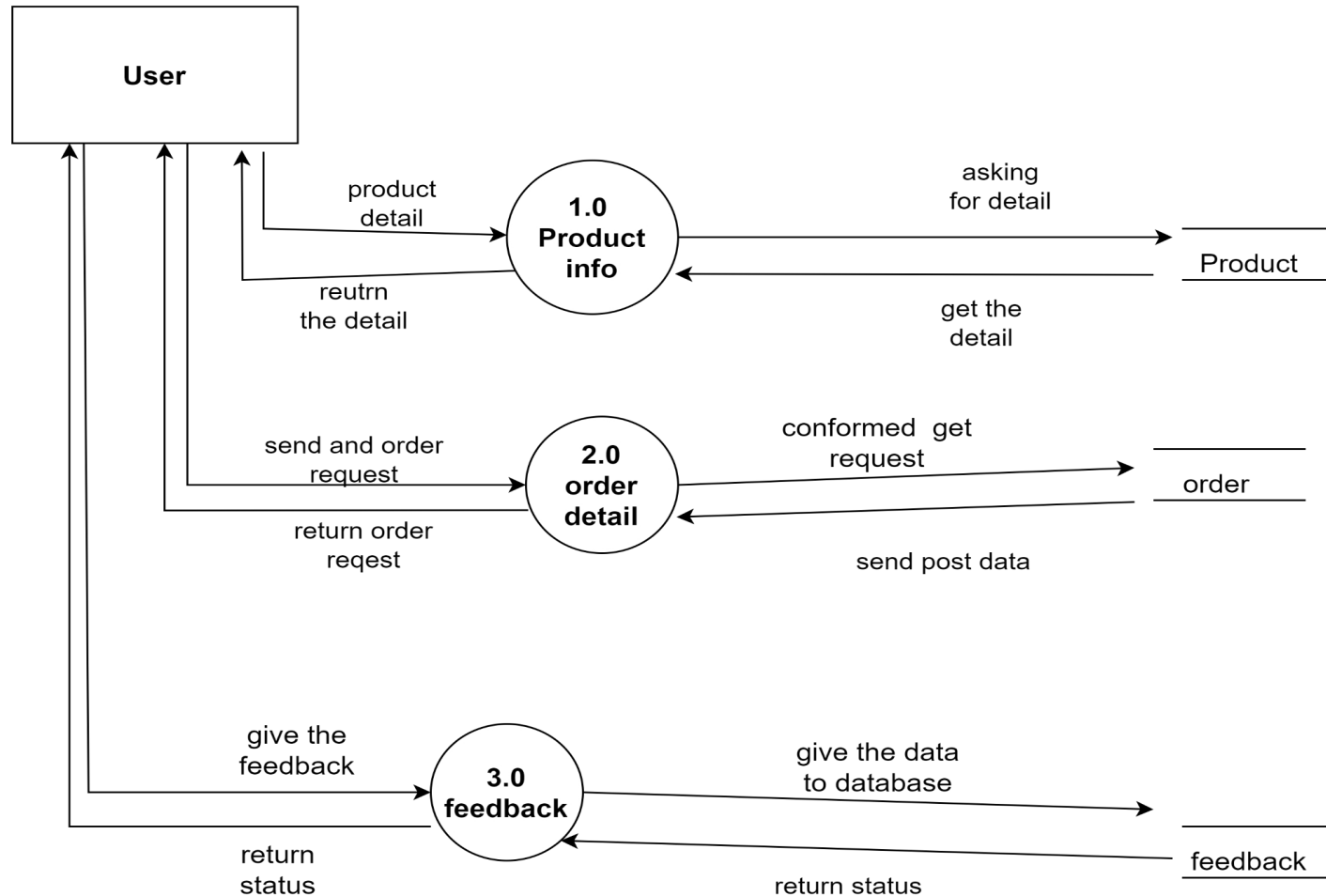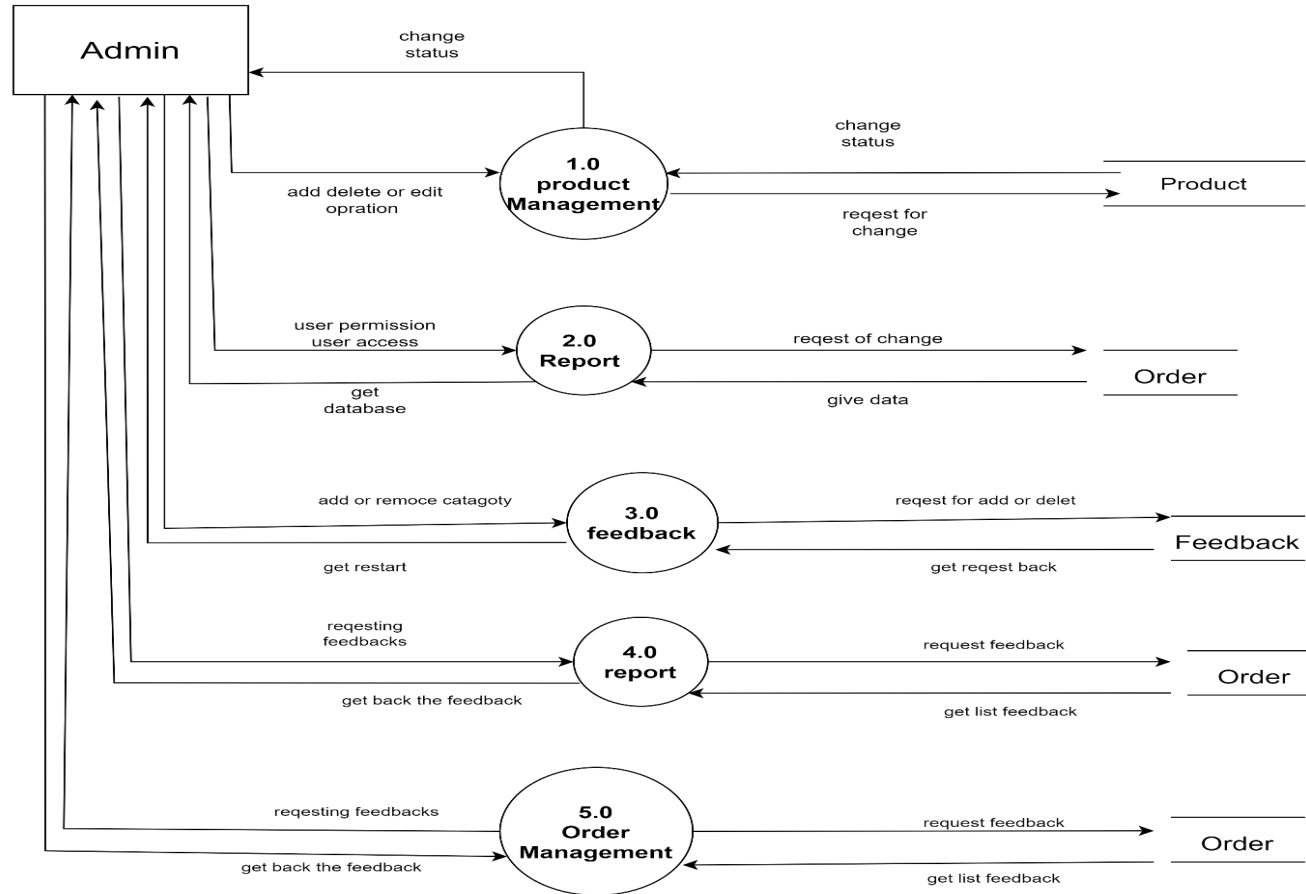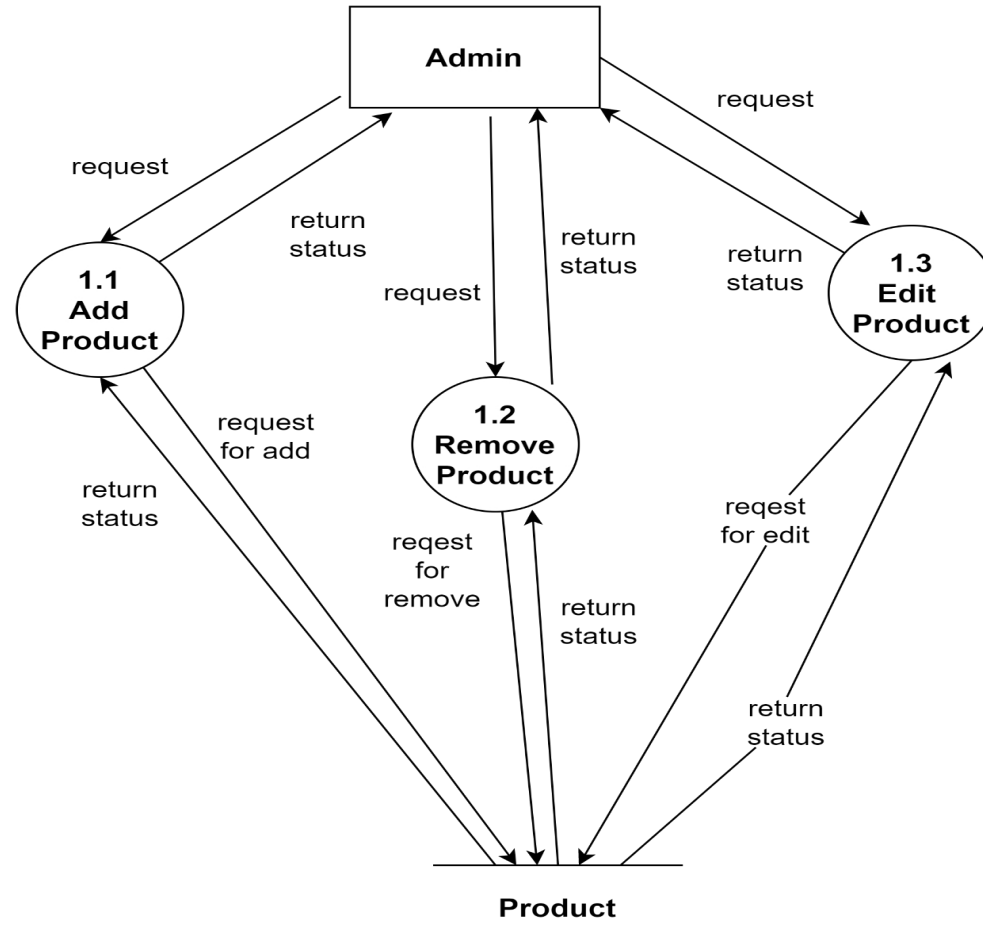
Flow Chart

Context level DFD

Customer

getting information of product
give order feedback
give order

getting product
details get the
order

Online
Shoping mart

getting
the order
details

Adding, delete,updating product details
change user permissions
change order status
answaring the feedback

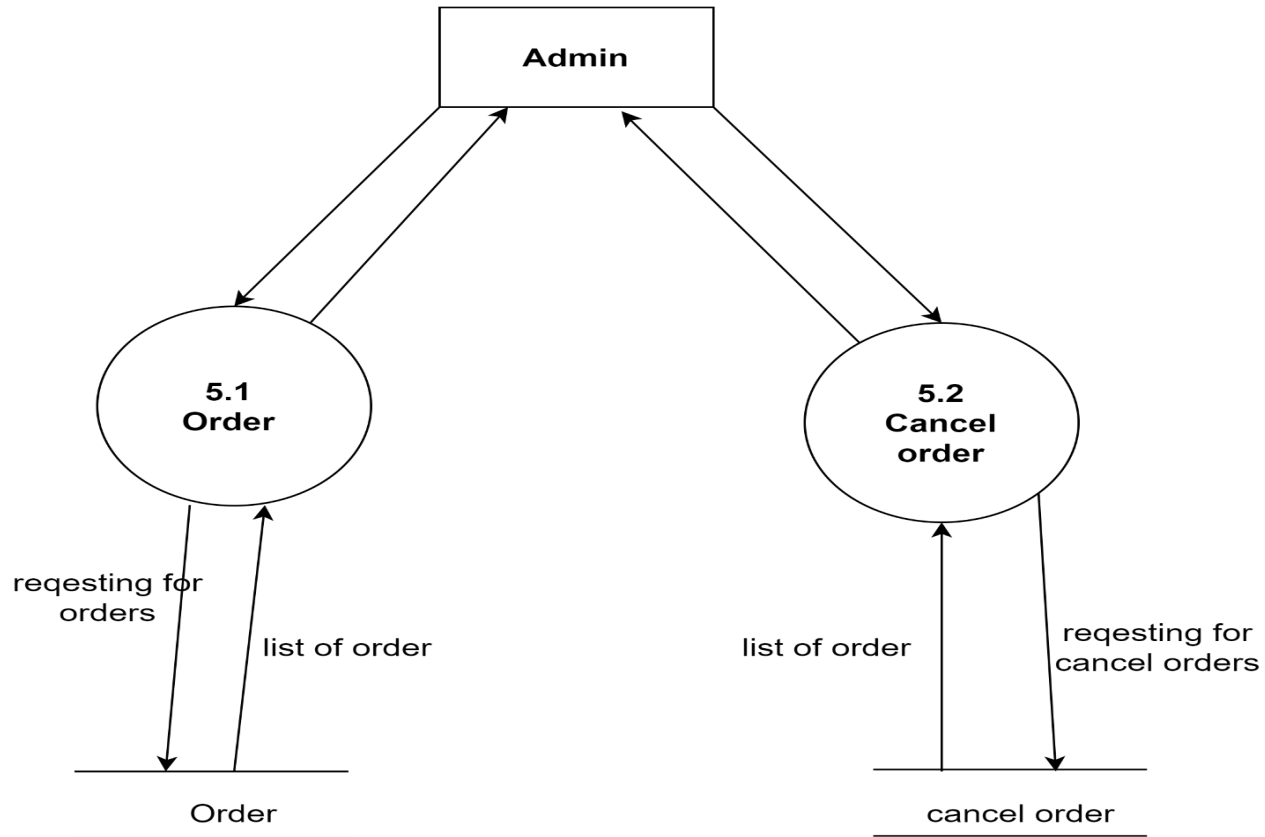admin

1ˢᵗ level User DFD

1ˢᵗ level Admin DFD

2nd level Product DFD

2nd level Order DFD

Data Dictionary

User Table

Field Name	Datatype (Size)	Constraint	Sample value	Description of field
User Id	Integer	Primary Key, auto increment	1	Stores the User Id.
User Name	Varchar(150)	NOT NULL	Krunal	Stores the name of User.
Password	Varchar(255)	Not null	krunal@11	Store the password.
email-id	Varchar(50)	Not null	Krunal@gmail.com	Store the gmail id.
First name	Varchar(150)	Null	Null	First name is optional
Last name	Varchar(150)	Null	Null	Last name is optional
Groups	Foreign key	Null	Null	This can be null user cant be in any group
Permission	Foreign key	Null	Accessible -admin site	This is give the permission to user as admin

Data Dictionary

User Table

Is staff	Boolean	Not null	TRUE	This means user is allowed to the admin site
is_active	Boolean	Not null, default True	FALSE	That means user are allow or not that means the user will be not allow to use the site with this account.
is_superuser	Boolean	Not-null, Default False	TRUE	This means give the permission without asking this any permission.
Last_login	Datetime	Not null	29-03-2022 10:01	This will save time and date of the last login
Date_joined	Datetime	Not null	2-03-2022 05:01	This will save the time and date of account created

Data Dictionary

Customer name

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Customer Id	Integer	Primary key	01	Store the Customer id
User id	Integer	Foreign key	1	Stores the User id.
Customer name	Varchar(150)	NOT NULL	Krunal Akbari	Stores the customer name.
Address	Varchar(150)	NOT NULL	43,vishalnagar society surat	Stores the Customer address
Number	Char(10)	NOT NULL	1122334455	Stores the customer number.
Image	Image	Null True	Image-icon.png	This is store the user image/profile photo
State	Varchar(150)	Not null	Gujarat	This will store the state name

Data Dictionary

Product name

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Product_id	Integer	Primary key, auto increment	1001	Stores the product id.
Product_name	Varchar(150)	NOT NULL	phone	Stores the product name.
price	Float	NOT NULL	10000	Stores the product price.
Product_category_name	Varchar(50)	Not null	Electronic	Stores the product category name.
Product_stock	Integer	NOT NULL	30	Stores the product stock.
Discount	Integer	NOT NULL	60	Stores the product discount
Description	Varchar(255)	Not null	Product description	This will store the description of product

Data Dictionary

Order Detail Table

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Order-Id	Integer	Primary Key, auto increment	01	Store the order Id.
Customer id	Integer	Foreign key	1	User the customer id
Order status	Varchar(10)	Not null	Process	Store the state of the order
Order_Completed	Boolean	Not null	FALSE	Store the order is completed or not.
Order date	Date	Not Null	2020/12/01	Store the order date
Transfection-id	Varchar(150)	Not Null	AReAe4ASe5839	Store the transfection id if the payment made
Expected time	Date time	Null	10/10/22	Store the date expected delivery time

Data Dictionary

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Order Item Id	Integer	Primary Key	1	Primary key of table
Product id	Integer	Foreign key	01	Store the order Id.
Order id	Char(6)	Foreign key	10101	Stores the User Id.
Quantity	Char(6)	Foreign key	111	Store the product id.
Date_added	Date	Not null	21/02/2021	Stores the order item date.

Data Dictionary

Cancel Order

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Cancel Order Id	Integer	Primary key	1	Store the Cancel Order Id
Customer Id	Integer	Foreign key	01	Store the order Id.
Date_ordered	Char(6)	Foreign key	10101	Stores the User Id.
Trisection_id	Char(3)	NOT NULL	01	Stores the transfection id.
Cancel order_time	Date time	NOT NULL	29-03-2022 12:20:00 PM	Stores the cancel order time.

Data Dictionary

Favourite detail

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Favourite-id	Integer	Not null	1	Store the id
Customer id	Integer	Foreign -key	Krunal	Foreign key to the customer
Date-added	Date time	Not null auto now add	29-03-2022 10:10	Store the current time

Data Dictionary

Favorite Item Detail

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Favourite Item id	Integer	Primary Key, auto increment	1	Store Favourite Item Id
Favourite-id	Integer	Foreign key	1	Store the id
Customer id	Foreign -key	Not null	Krunal	Foreign key to the customer
Date-added	Date time	Not null auto now add	29-03-2022 10:10	Store the current time

Data Dictionary

Complain Table

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Complain-id	Integer	Primary Key, auto increment	1	Store the id
Customer id	Integer	Foreign -key	Krunal	Foreign key to the customer
Product id	Integer	Foreign -key	Phone	Store the product id
Date-complain	Date time	Not null auto now add	29-03-2022 10:10	Store the current time
Complain	Varchar(200)	Not null	This product has some issue	Complain of the customer about product

Data Dictionary

Feedback Table

Field Name	Data type (Size)	Constraint	Sample value	Description of field
Feedback id	Integer	Primary Key, auto increment	1	Store the id
Customer id	Foreign -key	Not Null	Krunal	Foreign key to the customer
Date-feedback	Date time	Not null auto now add	29-03-2022 10:10	Store the current time
Feedback	Varchar(200)	Not null	Feedback	Store the feedback of the user
Email	Varchar(150)	Not null	krunal@gmail.com	Store the email id of user
Phone no	Number(10)	Not null	1122334455	Store the user number for feedback

Screen Shorts

Sign in

or use your account

admin

•••••

Forgot your password?

SIGN IN

Hello, Friend!

Enter your personal details and start journey with us

SIGN UP

Screen Shorts

Welcome Back!

To keep connected with us please login with your personal info

SIGN IN

Create Account

or use your email for registration

19bcuos048@ddu.ac.in

••••••••••

••••••••••

SIGN UP

Screen Shorts

Profile

Krunal Akbari

| Overview | Edit Profile | Settings | Change Password |

Profile Details

Full Name	Krunal Akbari
State	Gujarat
Address	19
Phone	123465789
Email	19bcuos048@ddu.ac.in

Screen Shorts

🔍 mobile   🎙️

Featured Product

All   Phone   Laptop   Camara   Cloth

camara	laptop	keybord	Oppo F21 Pro
₹5600.0	₹100000.0	₹34560.0	₹21399.0

Screen Shorts

Oppo F21 Pro

★★★★½ (18 reviews)

21399.0

Oppo launched the F19 lineup last March, and the company will follow it up with the F21 Pro series next month - on April 12. This announcement comes from Oppo's Indian branch, which said that the F21 Pro series will be introduced in India on April 12 at 5PM local time. The lineup includes the F21 Pro 4G and F21 Pro 5G, but it's unclear if these will be joined by a Pro+ model since there's no mention of it yet.

ADD TO CARD

Availability	In Stock
Shipping	03 day shipping. *Free pickup today*
Weight	0.5 kg
Share on	f ✕ ⊙ ⓟ

Screen Shorts

Products	Price	Quantity	Total	
	5600.0	− 1 +	5600.0	✖
	100000.0	− 1 +	100000.0	✖
	34560.0	− 1 +	34560.0	✖
	21399.0	− 1 +	21399.0	✖

Screen Shorts

Fist Name*

Akabari

Last Name*

Krunal

Country*

India

Address*

12

Kailash dham

Town/City*

Surat

Country/State*

Gujarat

Postcode / ZIP*

395001

Your Order

Products	Total
camara	5600.0
laptop	100000.0
keybord	34560.0
Oppo F21 Pro	21399.0
Subtotal	**161559.0**
Total	**161497.0**

☐ Create an account?

Lorem ipsum dolor sit amet, consectetur adip elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

☐ Check Payment

☐ Paypal

PLACE ORDER

Screen Shorts

details div

order amt 161497.0

PayPal

Debit or Credit Card

Powered by **PayPal**

Screen Shorts

Order Detail list Screen

Sr no.	Order Id	Price	
1	3	100000.0	Details
2	4	200000.0	Details
3	5	161559.0	Details

Screen Shorts

Order Detail Screen

Screen Shorts

Order Detail Screen

Screen Shorts

Order FeedBack

Full Name

Krunal Akbari

Email Address

19bcuos048@ddu.ac.in

Telephone Number (Optional)

123465789

Feedback

this product is good but there are some mistake on it I ask for the 32 GB memory and it give me 16 GB

Submit

Back

Screen Shorts

Products	Price		
	100000.0	+	✕
	5600.0	+	✕
	21399.0	+	✕

Screen Shorts

🔍 oppo   🎤

Oppo F21 Pro
Consectetur Adipisicing
21399.0

mobile

Oppo F20 Pro
Consectetur Adipisicing
24990.0

mobile

Screen Shorts

Dashboard

Screen Shorts

User

Select user to change

| staff status ▾ | superuser status ▾ | active ▾ | |

Search

--------- ▾ Go   0 of 3 selected   ⊕ Add user

☐	Username ↓↑	✖ Email address	First name	Last name	Staff status
☐	**19bcuos048@ddu.ac.in**				⊗
☐	**admin**				✓
☐	**kishan**				✓

3 users

Screen Shorts

General

Username *

admin

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Password

algorithm: pbkdf2_sha256 **iterations**: 320000 **salt**: InmqIG**************** **hash**: 8n2u7N**

Raw passwords are not stored, so there is no way to see this user's password, but you can change the password using this form.

Screen Shorts

Order List

Select order to change

| --------- ⌄ | Go | 0 of 4 selected | | ➕ Add order |

☐	**ID**	**Status**	**Trasection id**
☐	**6**	process ⌄	-empty-
☐	**5**	process ⌄	1MG095137W759535Y
☐	**4**	ontheway ⌄	83S88570FA468123E
☐	**3**	received ⌄	5P9741332D9070542

4 orders | Save

Screen Shorts

Order Item

Change order

Customer	Krunal Akbari
Status *	process
Complate	Yes
Trasection id	1MG095137W759535Y
Expectedtime	Date: 2022-04-03 Today | 📅
	Time: 07:08:05 Now | 🕐

Note: You are 5.5 hours ahead of server time.

Screen Shorts

Select product to change

| | cat | ▼ | | | Search |

| --------- ▼ | | Go | 0 of 5 selected | | | ⊕ Add product |

☐	**Tname**	**Price**	**Stock**	**Available**
☐	**Watch**	5199.0	1	☑
☐	**Oppo F21 Pro**	21399.0	1	☑
☐	**keybord Quary Tvs**	34560.0	1	☑
☐	**laptop**	100000.0	1	☑
☐	**camara**	5600.0	5	☑

5 products   Save

Screen Shorts

Tname *

Oppo F21 Pro

Price *

21399.0

Cat *

mobile

Subcat *

Phone

Image *

Currently: img/product/gsmarena_003.jpg
Change: Choose File No file chosen

Description

Oppo launched the F19 lineup last March, and the company will follow it up with the F21 Pro series next month - on April 12.

This announcement comes from Oppo's Indian branch, which said that the F21 Pro series will be introduced in India on April 12 at 5PM local time. The lineup includes the F21 Pro 4G and F21 Pro 5G, but it's unclear if these will be joined by a Pro+ model since there's no mention of it yet.

Offerd price

0.0

Available

☑

Screen Shorts

Feed Back Item

Select feed back to change

| --------- ▼ | Go | 0 of 1 selected | | ➕ Add feed back |

| ☐ | **Feed back** |
| ☐ | **this product is good but there are some mistake on it I ask for the 32 GB memory and it give me 16 GB** |

1 feed back

Screen Shorts

Change feed back
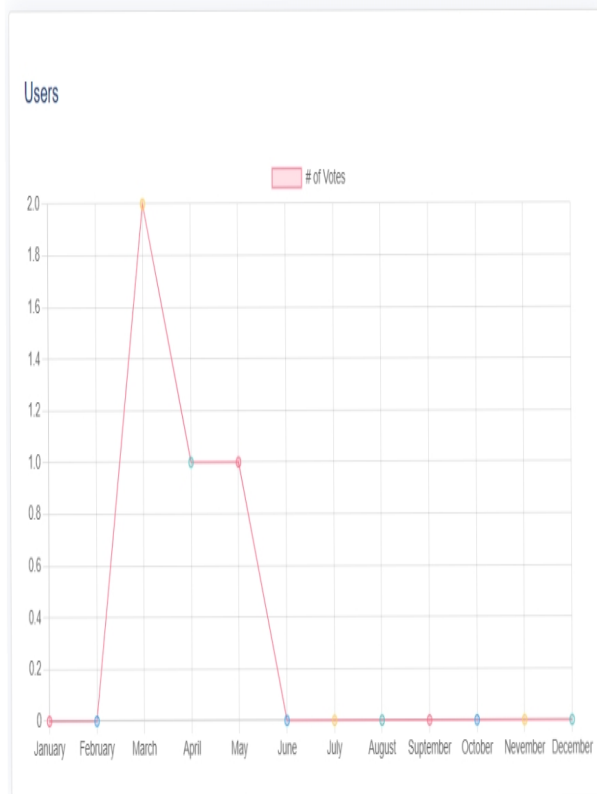
Customer   Krunal Akbari   ✏ ➕ ✖

Feedback   this product is good but there are some mistake on it I ask for the 32 GB memory and it give m

Email   19bcuos048@ddu.ac.in

Phoneno   123465789

Screen Shorts
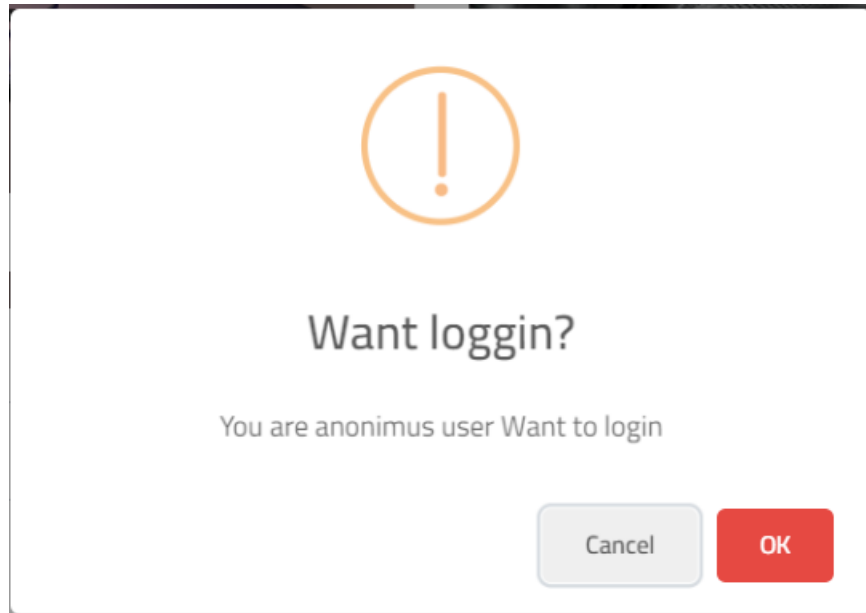
Screen Shorts

Screen Shorts

Order API Contact

Django REST framework   **admin**

Get Order Details

Get Order Details   OPTIONS   GET ▾

GET /api/order/4/

```
HTTP 200 OK
Allow: GET, OPTIONS
Content-Type: application/json
Vary: Accept

[
    {
        "id": 4,
        "date_ordered": "2022-04-01T07:52:06.378976Z",
        "status": "PROSSED",
        "complate": false,
        "trasection_id": null,
        "expectedtime": null,
        "customer": 1
    }
]
```

Screen Shorts

Customer Detila Contact

```
HTTP 200 OK
Allow: POST, GET, OPTIONS
Content-Type: application/json
Vary: Accept

{
    "id": 1,
    "name": "Akbari Krunal",
    "email": "19bcuos048@ddu.ac.in",
    "phoneno": "9638059086",
    "address": "19",
    "image": null,
    "state": "Gujarat",
    "user": 1
}
```

Screen Shorts

Customer Detail Contact

```
HTTP 200 OK
Allow: GET, OPTIONS
Content-Type: application/json
Vary: Accept

[
    {
        "pid": 1,
        "tname": "cemera",
        "price": 99999.0,
        "cat": "Mobile",
        "subcat": "Laptop",
        "image": "/media/img/product/21_Rs18C8s.jpg",
        "description": "this is lorem spam",
        "offerd_price": 50.0,
        "available": true,
        "stock": 1
    }
]
```

Screen Shorts

Order API

```
HTTP 200 OK
Allow: GET, OPTIONS
Content-Type: application/json
Vary: Accept

[
    {
        "id": 6,
        "date_ordered": "2022-04-01T07:54:02.346196Z",
        "status": "PROSSED",
        "complate": false,
        "trasection_id": null,
        "expectedtime": null,
        "customer": 3
    }
]
```

Screen Shorts

Cancel Order API

```
GET /api/cancelorder/1/
```

```
HTTP 200 OK
Allow: GET, OPTIONS
Content-Type: application/json
Vary: Accept

[
    {
        "id": 1,
        "date_ordered": "2022-04-01T08:11:11.239731Z",
        "trasection_id": "102321354313",
        "cancelorder_time": "2022-04-01T08:11:11.253634Z",
        "customer": 1
    }
]
```

Screen Shorts

Receipt generate API

(c) - page of
2 admin

Product	Price	Quantity	Total
cemera	99999.0	5	499995.0

Total: 499995.0

Scope and Limitation

Scope:

admin can identified the user about the order by email or phone no

manager group can be added to the certain permission for the handle order

User interface must be improved to be user friendly.

Delivery can also improve

Scope and Limitation

Limitation:

    data is verified but not double entry with username

    admin can ban the user but there is some reason to show

    if more product to manage then there are not good ways

    if order goes more then 1000 is nothing to manage

    some error while adding new supper user with command line

Future Expansion

filter in order page for order id or order transaction id.

Data can be improved by the year and moths as wall as day

longing can be done by OTP and changed on the database can be change by the OTP as well

log is not created for every data if there is any crease or attaching there is no log for that

manager could be added as well as employee

bill are generated by the current time of price if price go up then user will have to pay more