

03.05.2021

vPhrase Round 3 Outputs and Screenshots

- Dhairya Kamdar

1712038

dhairyakamdar@somaiya.edu

+91-9960562808

Following is the problem statement:

Languages: Python

Framework: Django

Problem Statement: Setup a base Django application for an online mobile store with a model to save details of different phone models in them. Create a django template to show the list of phones in the store's database.

Step 1: Create a Django app

Step 2: Create a "Phone" model that has the following fields -> id, name, brand, ram, storage, price, stock

Step 3: Create a Django template to render a form and add phone to the database.

Step 4: Setup a django template to render all the phones that are available

Additional features: Pagination, search feature, mark phones in table that are not in stock

1. Dashboard

Mobile Phones Database - vPhrase Mobiles Pvt. Ltd. - Developed by Dhairya Kamdar

Display the Phones in the Data Base Add a Phone (+)

Enter the Phone to be Searched Click here!

ID	Brand	Model	RAM	Storage	Price	Availability
----	-------	-------	-----	---------	-------	--------------

2. Display the list of Phones

Mobile Phones Database - vPhrase Mobiles Pvt. Ltd. - Developed by Dhairya Kamdar

Display the Phones in the Data Base Add a Phone (+)

Enter the Phone to be Searched Click here!

ID	Brand	Model	RAM	Storage	Price	Availability	
101	Apple	iPhone XR	3	64	36999	AVAILABLE	<button>Edit</button> <button>Delete (X)</button>
102	Apple	iPhone 11	4	64	51000	AVAILABLE	<button>Edit</button> <button>Delete (X)</button>
103	Apple	iPhone 12	4	64	61000	AVAILABLE	<button>Edit</button> <button>Delete (X)</button>
104	Apple	iPhone 12 Pro Max	6	512	111000	AVAILABLE	<button>Edit</button> <button>Delete (X)</button>
201	Samsung	Galaxy A52	8	128	26000	AVAILABLE	<button>Edit</button> <button>Delete (X)</button>
202	Samsung	Galaxy F12	4	64	9999	RESTOCKING	<button>Edit</button> <button>Delete (X)</button>



3. Add a New Phone

The screenshot shows a web browser window titled "vPhrase Inventory Management". The URL is 127.0.0.1:8000/display_mobiles. The page displays a table of mobile phones with columns: id, Brand, Model, RAM, Storage, Price, and Availability. Each row has "Edit" and "Delete (X)" buttons. A search bar at the top says "Enter the Phone to be Searched" and a button "Click here!" is on the right. The table data is as follows:

ID	Brand	Model	RAM	Storage	Price	Availability
101	Apple	iPhone XR	3	64	36999	AVAILABLE
102	Apple	iPhone 11	4	64	51000	AVAILABLE
103	Apple	iPhone 12	4	64	61000	AVAILABLE
104	Apple	iPhone 12 Pro Max	6	512	111000	AVAILABLE
201	Samsung	Galaxy A52	8	128	26000	AVAILABLE
202	Samsung	Galaxy F12	4	64	9999	RESTOCKING
203	Samsung	Galaxy Note 20 Ultra	12	256	98999	SOLD

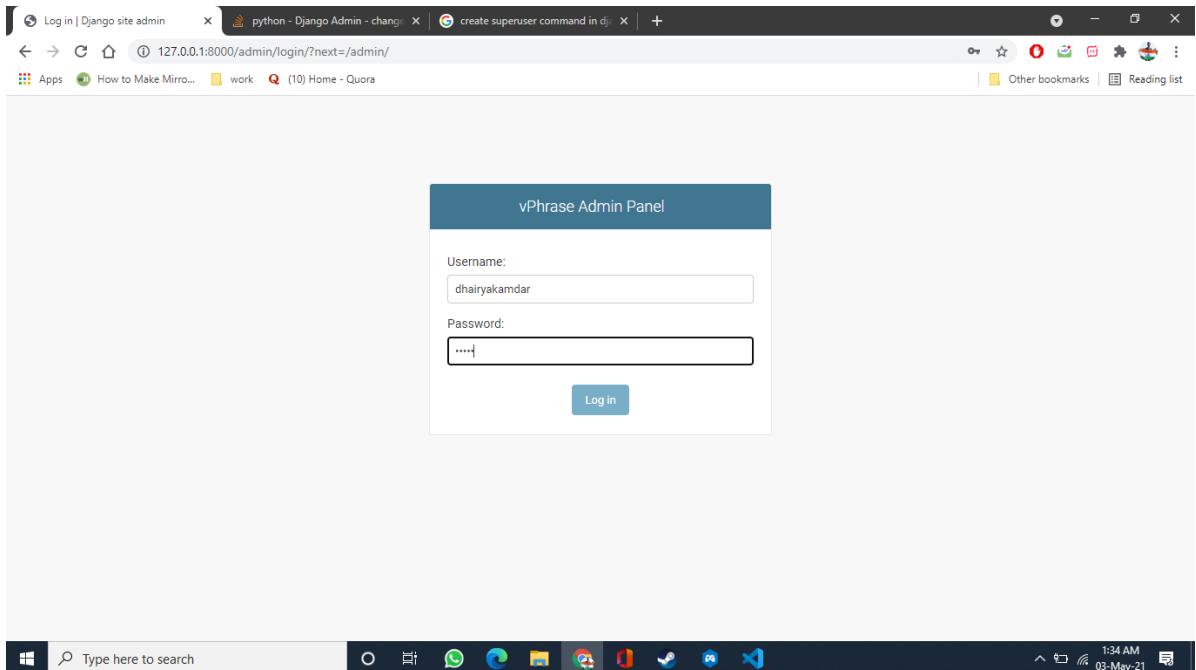
4. Edit a Phone

The screenshot shows a web browser window titled "vPhrase Inventory Management". The URL is 127.0.0.1:8000/edit_mobile/1. The page displays a form titled "Editing Mobile" with fields for Idno, Brand, Name, Ram, Storage, Price, and Availability. The Availability dropdown is set to "Item Ready to be Sold". A "Edit Mobile" button is at the bottom. The table data from the previous screenshot is used here.

ID	Brand	Name	Ram	Storage	Price	Availability
101	Apple	iPhone XR	3	64	36999	AVAILABLE
102	Apple	iPhone 11	4	64	51000	AVAILABLE
103	Apple	iPhone 12	4	64	61000	AVAILABLE
104	Apple	iPhone 12 Pro Max	6	512	111000	AVAILABLE
201	Samsung	Galaxy A52	8	128	26000	AVAILABLE
202	Samsung	Galaxy F12	4	64	9999	RESTOCKING
203	Samsung	Galaxy Note 20 Ultra	12	256	98999	SOLD



5. Logging into the Admin Panel



6. Admin Panel

The screenshot shows a web browser window with the title bar "Name : iPhone 12 Pro Max Brand : x python - Django Admin - chang x create superuser command in dj x 127.0.0.1:8000/admin/inventory/phone/4/change/". The main content area is titled "vPhrase Admin Panel" and shows a "Change phone" form for an iPhone 12 Pro Max. The form fields are: Idno: 104, Brand: Apple, Name: iPhone 12 Pro Max, Ram: 6, Storage: 512, Price: 111000, Availability: Item Ready to be Sold. On the left, a sidebar shows "AUTHENTICATION AND AUTHORIZATION" with "Groups" and "Users" options, and "INVENTORY" with "Phones" selected. Action buttons at the bottom include "Delete", "Save and add another", "Save and continue editing", and "SAVE". The status bar at the bottom shows "1:34 AM 03-May-21".

7. View, Manage, Import/Export Data

The screenshot shows a web browser window with the URL `127.0.0.1:8000/admin/inventory/phone/`. The page title is "vPhrase Admin Panel". The left sidebar has sections for "AUTHENTICATION AND AUTHORIZATION" (Groups, Users) and "INVENTORY" (Phones). The main content area is titled "Select phone to change" and lists 7 phones:

- Name : Galaxy Note 20 Ultra Brand : Samsung Price: 98999
- Name : Galaxy F12 Brand : Samsung Price: 9999
- Name : Galaxy A52 Brand : Samsung Price: 26000
- Name : iPhone 12 Pro Max Brand : Apple Price: 111000
- Name : iPhone 12 Brand : Apple Price: 61000
- Name : iPhone 11 Brand : Apple Price: 51000
- Name : iPhone XR Brand : Apple Price: 36999

At the bottom, it says "7 phones". There are "IMPORT", "EXPORT", and "ADD PHONE" buttons at the top right.