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Project Name: Donify

PEP Course: Full Stack Python

Section: 9S06D

Submitted by

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Submitted to

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Introduction

The **Donify** is a web-based platform developed using Django.the donation process between Donors, Volunteers, and Administrators. It allows users to donate items, manage requests, and track donation status in an organized and efficient manner.This project is fully dynamic and works simultaneously across all modules, enabling real-time data updates and seamless interaction between admin, donor, and volunteer roles.

This system includes three main roles:

- **Admin:** Manages users, donations, volunteers, and assigns distribution areas.
- **Donor:** Can register, donate items, and track the status of their donations.
- **Volunteer:** Collects and delivers donations as assigned by the admin.

The project ensures transparency, improves communication, and simplifies the entire donation lifecycle. It uses HTML, CSS, Django, and SQLite to create a user-friendly and functional platform.

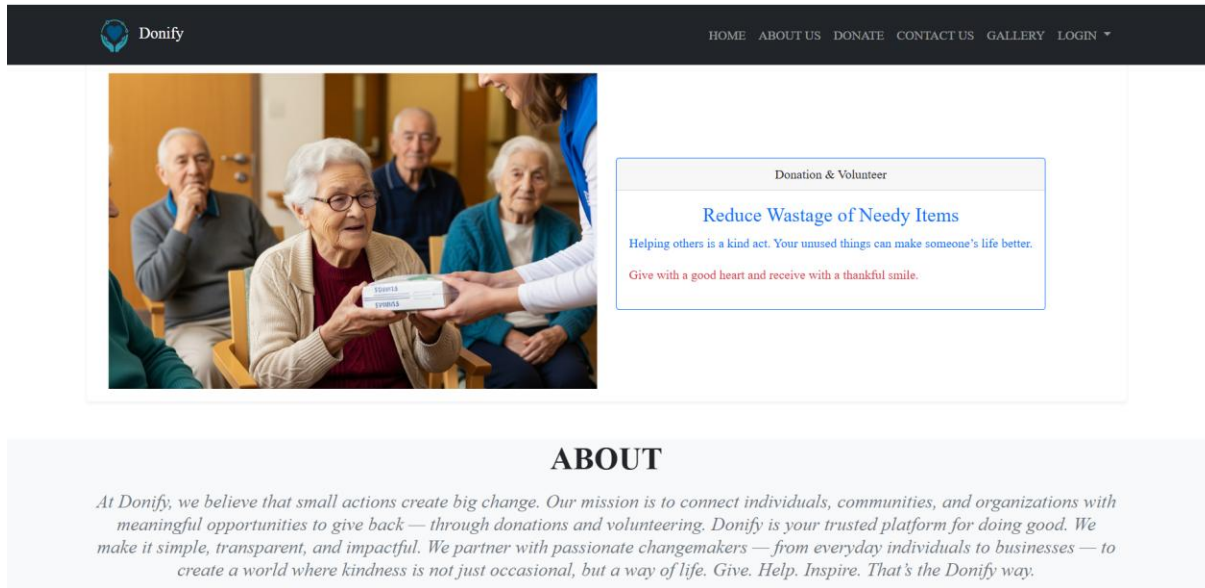
Types of Donations in the System

Our Donify allows people to give different useful items to help others. These include:

- **Food** – To feed poor or hungry people.
- **Clothes** – To give proper clothing to those who need it.
- **Footwear** – To help protect people's feet with good shoes or slippers.
- **Books** – To support children and others in learning and education.
- **Furniture** – To help set up homes with basic things like beds or chairs.
- **Vessels** – To give items used for cooking or storing food.
- **Other Items** – Any other useful things that can help someone in daily life.

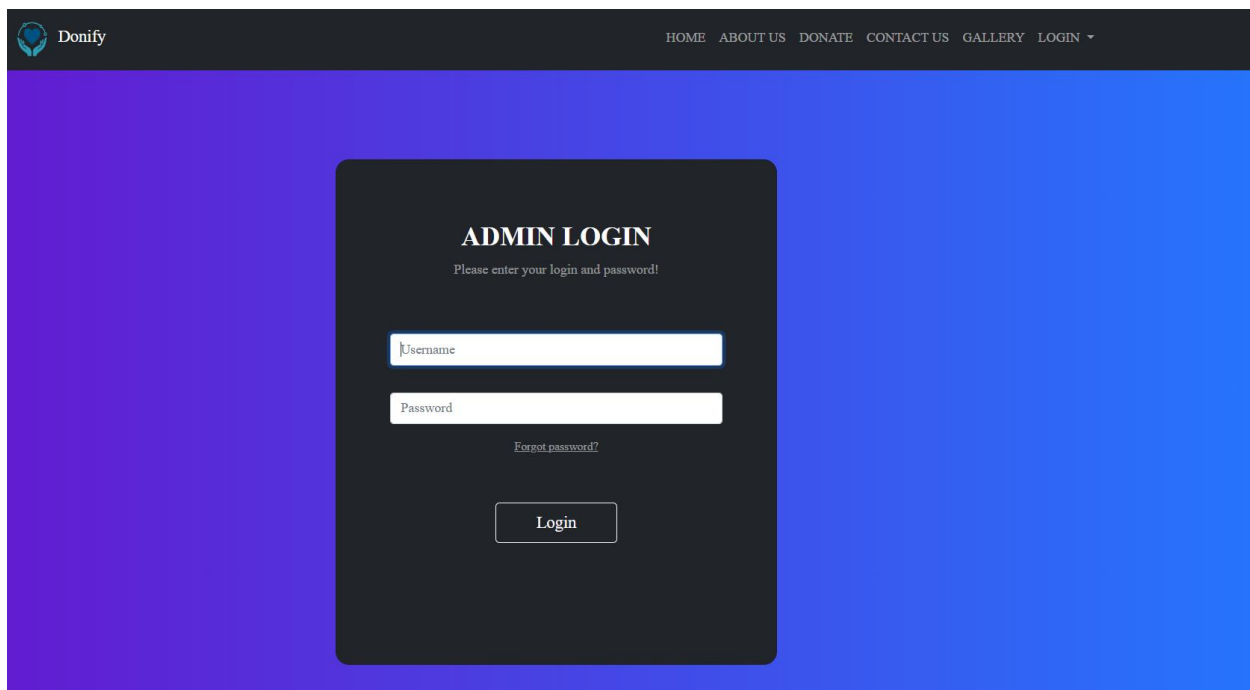
Screenshots of Project

Main page of Donify

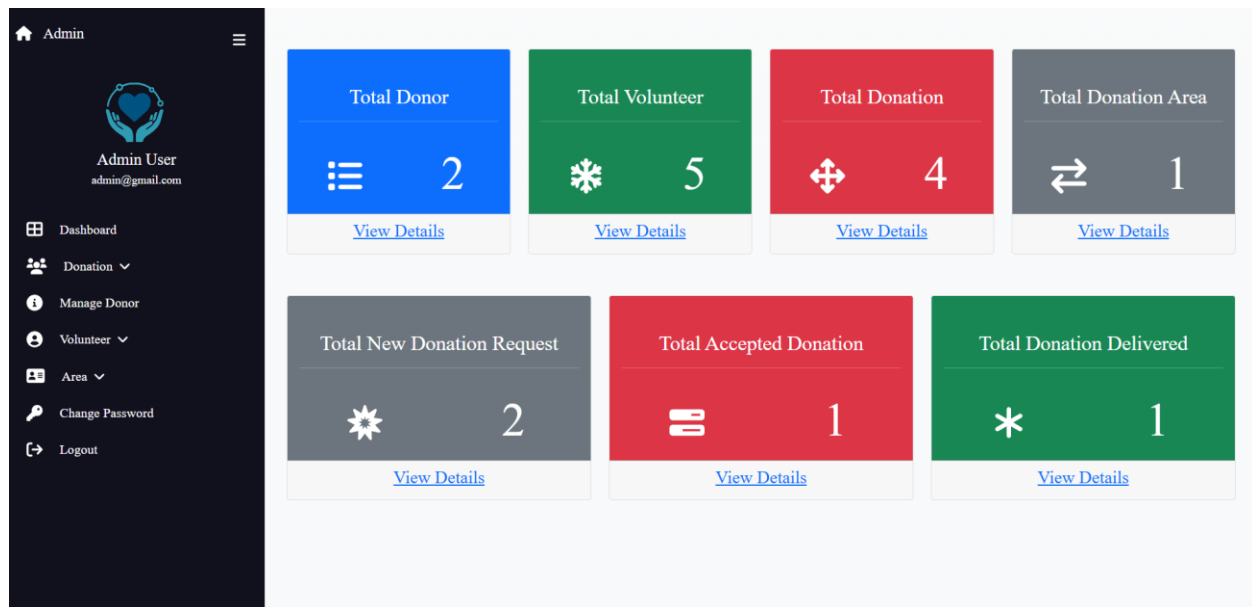


Admin Module

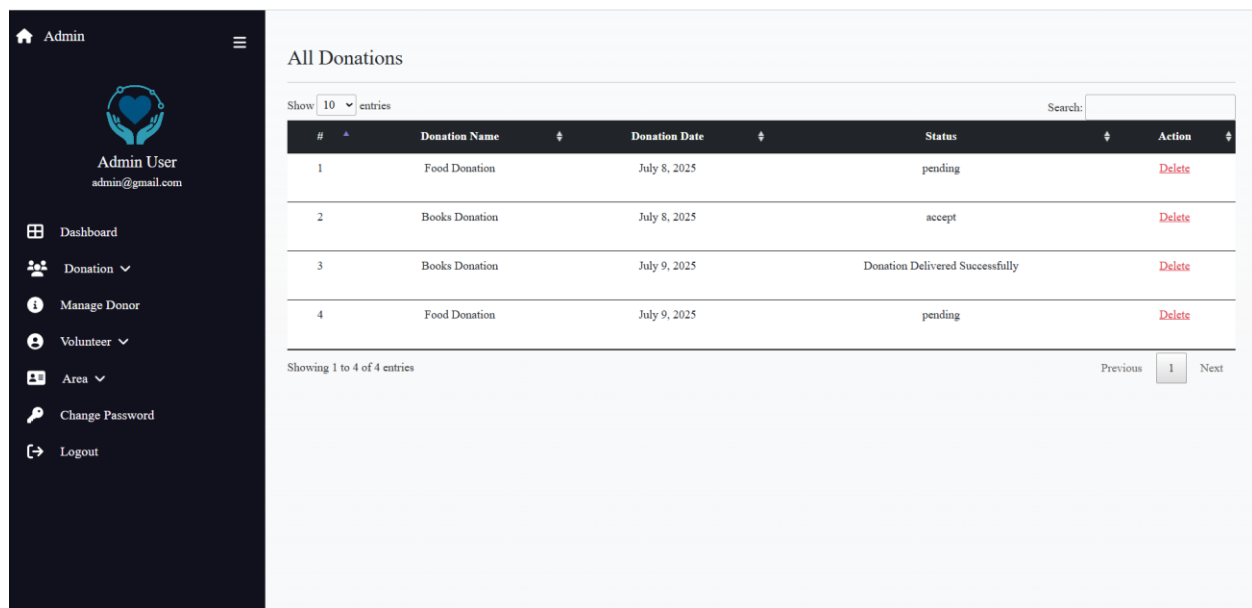
Admin Login Page (The admin uses this login page to securely access the admin dashboard using a username and password.)



Admin Dashboard (After successful login, the admin lands on a dashboard showing key stats like total donations, volunteers, pending requests, etc.)



View All Donations (This module allows the admin to view all the donations submitted by donors along with their current status.)




The 'View All Donations' page includes a search bar and a table with 4 entries. The table columns are #, Donation Name, Donation Date, Status, and Action. The footer shows 'Showing 1 to 4 of 4 entries' and pagination controls.

All Donations				
Show 10 entries		Search:		
#	Donation Name	Donation Date	Status	Action
1	Food Donation	July 8, 2025	pending	Delete
2	Books Donation	July 8, 2025	accept	Delete
3	Books Donation	July 9, 2025	Donation Delivered Successfully	Delete
4	Food Donation	July 9, 2025	pending	Delete
Showing 1 to 4 of 4 entries				
		Previous	1	Next

View Accepted Donation Details

Admin



Admin User
admin@gmail.com

Dashboard

Donation

Manage Donor



Volunteer

Area

Change Password

Logout


View Accepted Donation Detail

Donor Details			
Donor Name	Mohitkumar	Donor Contact	9988683858
Email	12415064@neocolab.ai	Donor Pic	
Donation Details			
Donation Name	Books Donation	Donation Pic	
Collection Location	Amritsar, punjab	Donation Date	July 8, 2025
Status	accept	Updation Date	
Admin Remark			
<div></div>			
Select Donation Distribution Area		Jalandhar	
Select Volunteer		mukesh007	
update			

Any many features such as mange donor, select area, all volunteer, change password,logout so on...

Donor Module

Donor Signup & Login (New donors can register using a simple form. Existing users can log in with their credentials to access their dashboard securely.)

Donify

HOME ABOUT US DONATE CONTACT US GALLERY LOGIN

DONOR LOGIN

Please enter your login and password!

Username

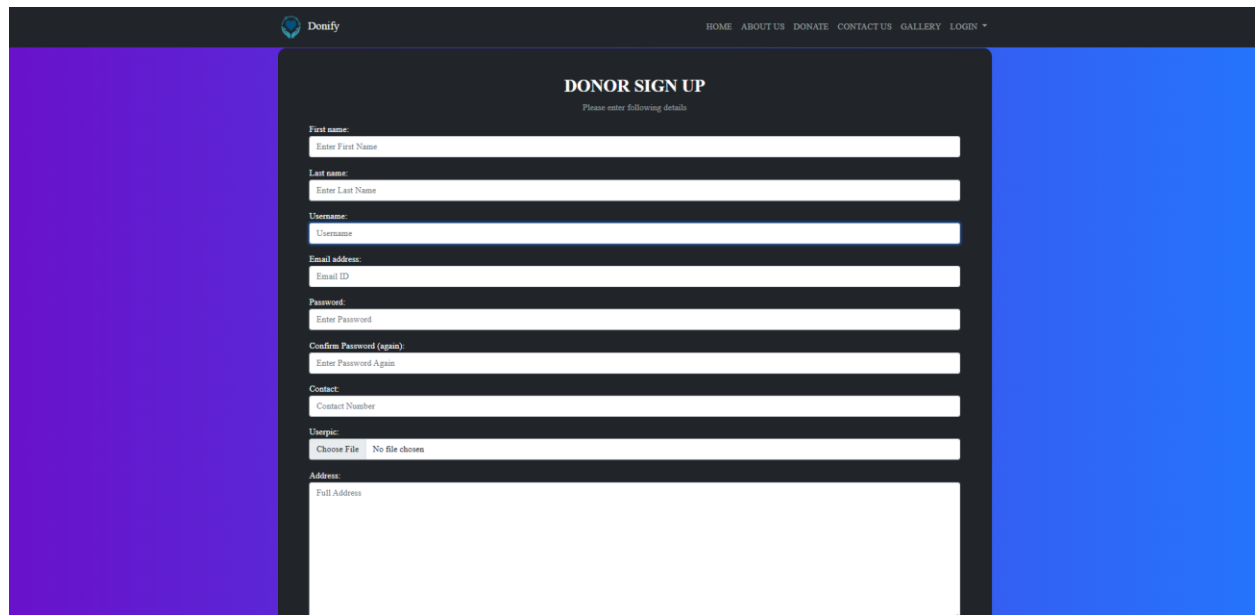
Password

Forgot password?

Login

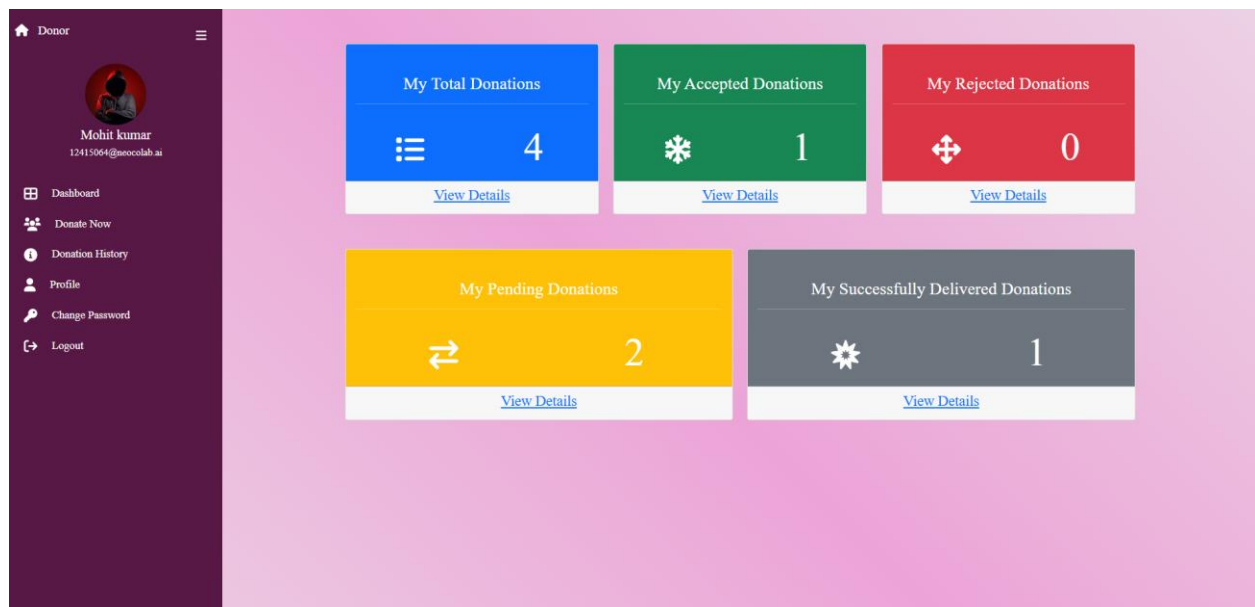
Don't have an account? Sign Up

Donor Signup Page

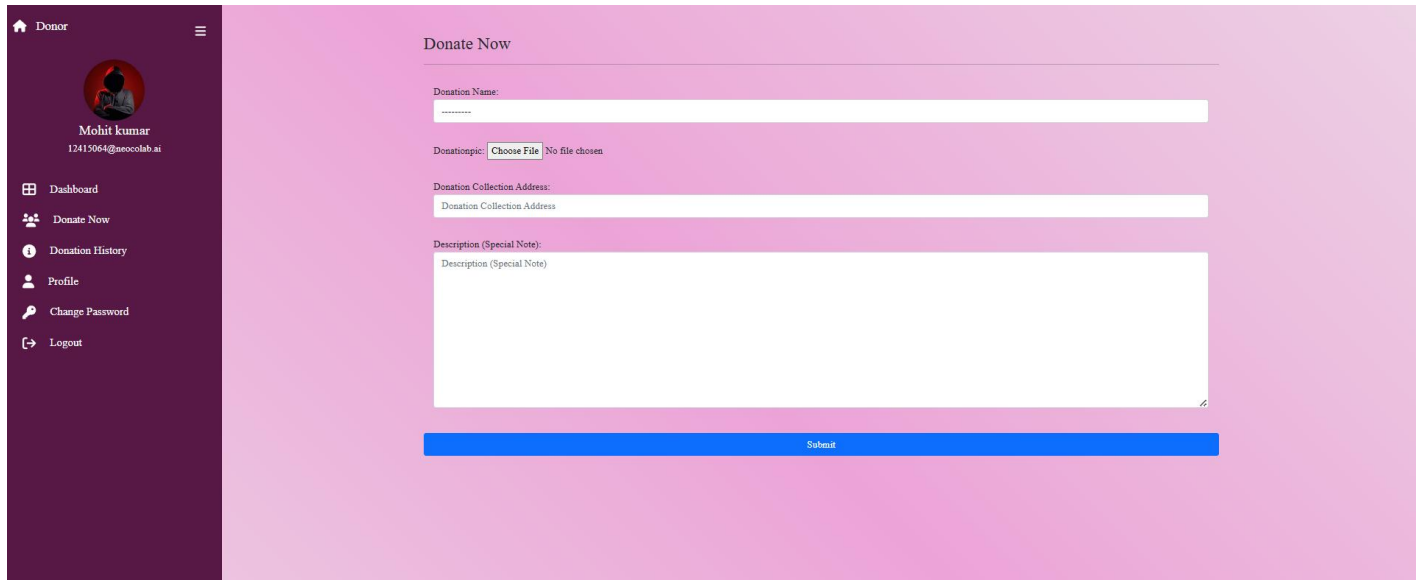


The Donor Signup Page features a dark header with the 'Donify' logo and navigation links: HOME, ABOUT US, DONATE, CONTACT US, GALLERY, and LOGIN. The main content area is a dark grey box with a purple and blue gradient background. It contains a 'DONOR SIGN UP' form with the instruction 'Please enter following details'. The form fields are: First name, Last name, Username, Email address, Password, Confirm Password (again), Contact, Upload (with a 'Choose File' button and 'No file chosen' text), and Address (with a 'Full Address' label).

Donor Dashboard (After login, donors are greeted with a dashboard showing stats like total donations made, current status of donations, and quick links to actions.)



Donate Now Form (Donors can fill out this form to donate items such as clothes, books, furniture, etc. They can provide pickup location, upload an item photo, and submit for admin approval.)



The screenshot shows a donor dashboard on the left and a 'Donate Now' form on the right. The dashboard includes a user profile for Mohit kumar and a sidebar menu with options like Dashboard, Donate Now, Donation History, Profile, Change Password, and Logout. The 'Donate Now' form contains fields for Donation Name, Donationpic (with a 'Choose File' button), Donation Collection Address, and a Description (Special Note) text area. A blue 'Submit' button is at the bottom.

Donor Dashboard:

- Home icon: Donor
- Menu icon
- Profile: Mohit kumar, 12415064@aeocolah.ai
- Dashboard
- Donate Now
- Donation History
- Profile
- Change Password
- Logout

Donate Now Form:

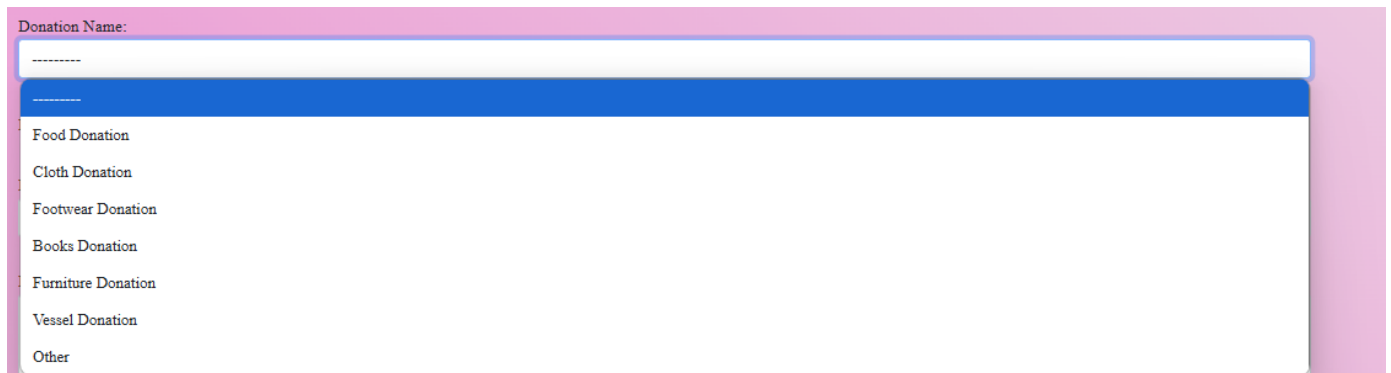
Donation Name:

Donationpic: No file chosen

Donation Collection Address:

Description (Special Note):

List of Donation Name



The screenshot shows a dropdown menu for 'Donation Name'. The menu is open, displaying a list of donation categories: Food Donation, Cloth Donation, Footwear Donation, Books Donation, Furniture Donation, Vessel Donation, and Other. The 'Donation Name:' label is visible above the dropdown.

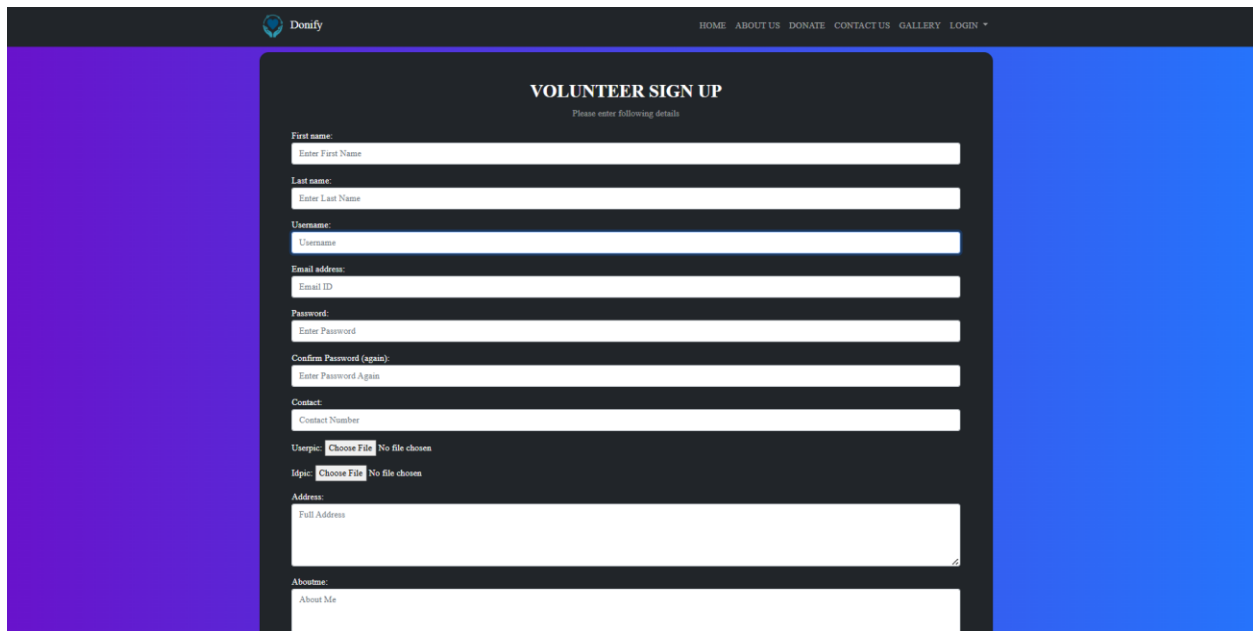
Donation Name:

- Food Donation
- Cloth Donation
- Footwear Donation
- Books Donation
- Furniture Donation
- Vessel Donation
- Other

In this donor page having so many features such profile update, change password, donation history etc...

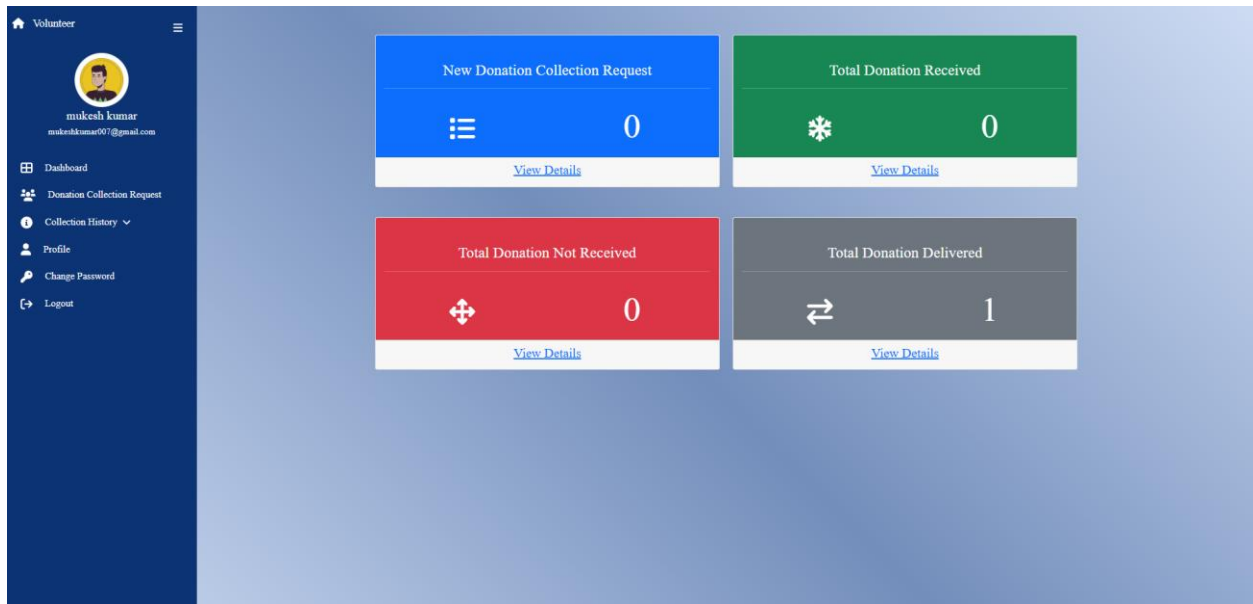
Volunteer Module

Volunteer Signup




The image shows a 'VOLUNTEER SIGN UP' form on a website. The form is titled 'VOLUNTEER SIGN UP' with a subtitle 'Please enter following details'. It contains several input fields: First name, Last name, Username, Email address, Password, Confirm Password (again), Contact, Usrpic (with a 'Choose File' button and 'No file chosen' text), Mpic (with a 'Choose File' button and 'No file chosen' text), Address, and Aboutme. The form is set against a background with a purple gradient on the left and a blue gradient on the right.

Volunteer Dashboard (Upon login, volunteers are presented with a dashboard displaying total assigned tasks, donation status, and quick navigation options.)



View Accepted Donation Detail (Displays complete information about an accepted donation, including donor details, donation info, and admin actions like assigning volunteers and adding remarks.)

Volunteer



mukesh kumar
mukeshkumar007@gmail.com

Dashboard

Donation Collection Request



Collection History

Profile

Change Password

Logout

View Accepted Donation Detail

Donor Details			
Donor Name	Mohit kumar	Donor Contact	9988683858
Email	12415064@neocolab.ai	Donor Pic	
Donation Details			
Donation Name	Books Donation	Donation Pic	
Collection Location	Amritsar punjab	Donation Date	July 9, 2025
Status	Donation Delivered Successfully		Update Date
Admin Remark	accepted by admin		
Donation Area	Jalandhar		
Volunteer	mukesh007		
Volunteer Remark	Donation Reviewed by Mukesh kumar		




Gallery Page (Displays delivered donation photos along with donor and volunteer details to showcase successful donation events.)

Donify

HOME ABOUT US DONATE CONTACT US GALLERY LOGIN

Show 10 entries

Search:

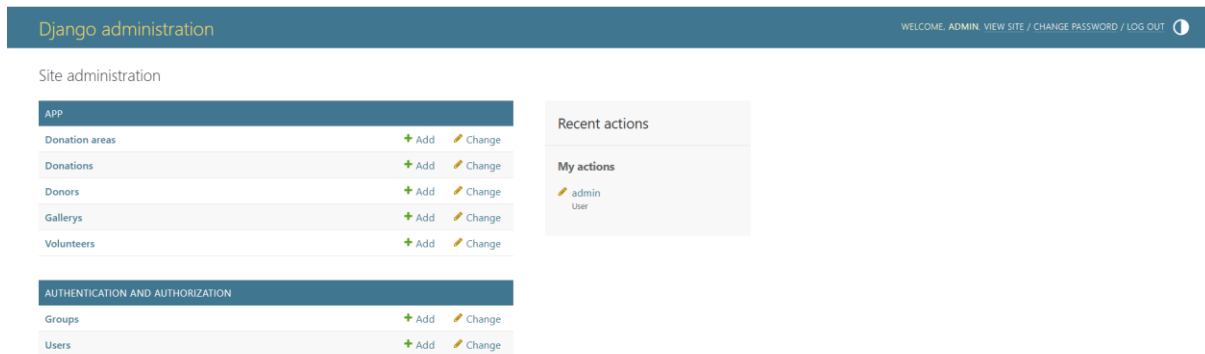
#	Category	Donor Details	Volunteer Details
1	<div>Cloth Donation</div> <div></div> <div>Donation Area : Jalandhar Donation Date : July 9, 2025</div>	<div></div> <div>Name : Mohit kumar Email : 12415064@neocolab.ai Contact : 9988683858</div>	<div></div> <div>Name : mukesh kumar Email : mukeshkumar007@gmail.com Contact : 9845678943</div>

Showing 1 to 1 of 1 entries

Previous 1 Next

Backend (Admin Panel)

Django Admin Panel allows the admin to manage donation areas, donors, volunteers, donations, and gallery images with full control over all database records.



Conclusion

In this project, I created a Donify where donors can donate items, admins can manage requests, and volunteers can help deliver donations.

I used Django, HTML, CSS, Bootstrap, and SQLite to build this system.

In the future, I plan to add email notifications, maps for locations, and better tracking features to improve the system.