

# **NGO DONATION TRACKING SYSTEM**

## **FINAL PROJECT DOCUMENTATION**

**DATABASE SYSTEMS**

**WAHAB ALI**

## **GROUP MEMBERS**

**SADIA MUNAWAR 230944  
NOOR UL AIN 230924  
MAHNOOR IQBAL 230910  
SIBGHATULLAH ASIF 230896**

## **1. Introduction**

This project is a web-based system developed for non-governmental organizations (NGOs) to manage donations and donor information efficiently. The system offers a user-friendly interface for donors and staff, allowing easy tracking of funds, donor engagement, and transparency in donation allocation.

## **2. Objectives**

- To develop a digital platform for NGOs to manage and track donations.
  - To allow donors to contribute via a web interface and view donation progress.
  - To maintain a secure database of donors, transactions, and donation campaigns.
  - To generate summaries and reports for internal use and audits.
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## **3. Scope of the Project**

- Donor registration and login
  - Admin panel for managing campaigns and viewing donations
  - Real-time donation progress bar
  - Campaigns listing and donation history
  - Responsive frontend using HTML, CSS
-

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## **4. Tools and Technologies Used**

<b>Component</b>	<b>Technology</b>
Frontend	HTML, CSS, Bootstrap
Backend	PHP
Database	MySQL
Hosting (Local)	XAMPP / WAMP Server

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## **5. System Features**

- **User Features:**
    - Browse active donation campaigns
    - Donate with basic form (manual transaction logging)
    - View impact stories or updates
  - **Admin Features:**
    - Add/edit/delete donation campaigns
    - View donor list and donation records
    - Generate printable reports
-

- **Security Features:**

- Basic form validation and session-based login
  - Sanitized SQL queries (prepared statements)
- 

## **6. Database Design Overview**

### **Key Tables:**

- `users` – stores donor and admin credentials
  - `donations` – stores donation details
  - `campaigns` – stores information about each fundraising campaign
  - `reports` – stores data used for impact analysis or summaries
- 

## **7. Methodology**

1. Requirements gathering and analysis
  2. Database schema design in MySQL
  3. Frontend UI development using HTML/CSS
  4. Backend logic implementation in PHP
  5. Testing and validation
-

6. Final deployment on local server (XAMPP/WAMP)

7. Documentation and report preparation

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## **8. Expected Outcomes**

- An operational web platform for NGO donation tracking
- Increased transparency for donor
- Streamlined backend management for the NGO staff

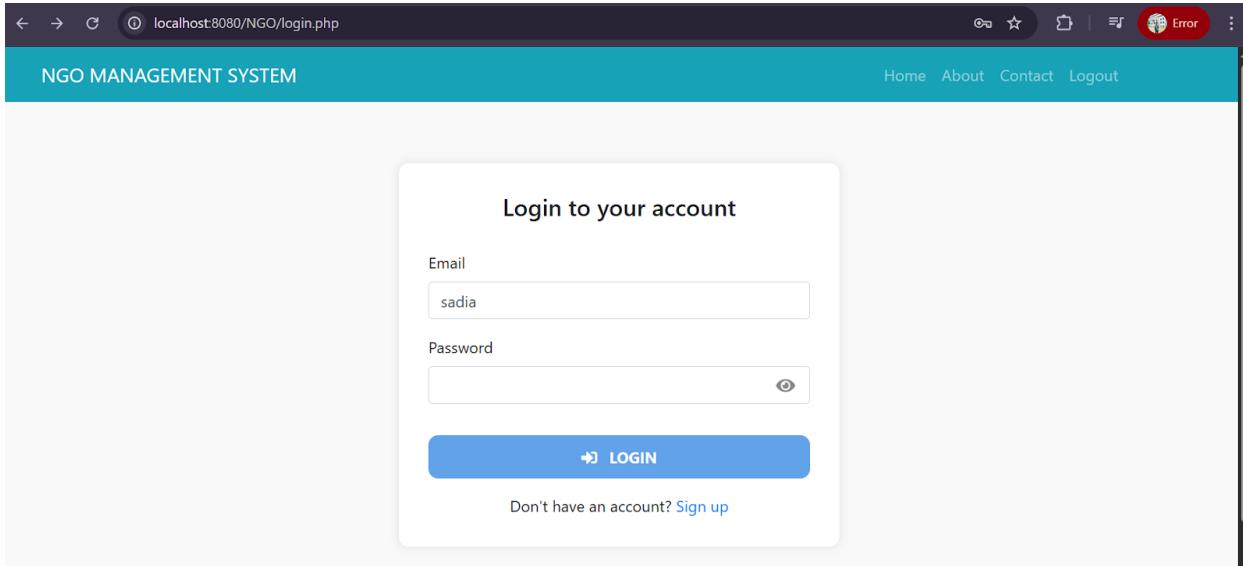
## **9. Conclusion**

This project demonstrates a practical solution for donation management in NGOs. It improves transparency, helps maintain donor trust, and reduces manual tracking overhead for the organization.

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# OUTPUTS

## LOGIN PAGE



localhost:8080/NGO/login.php

NGO MANAGEMENT SYSTEM

Home About Contact Logout

Login to your account

Email

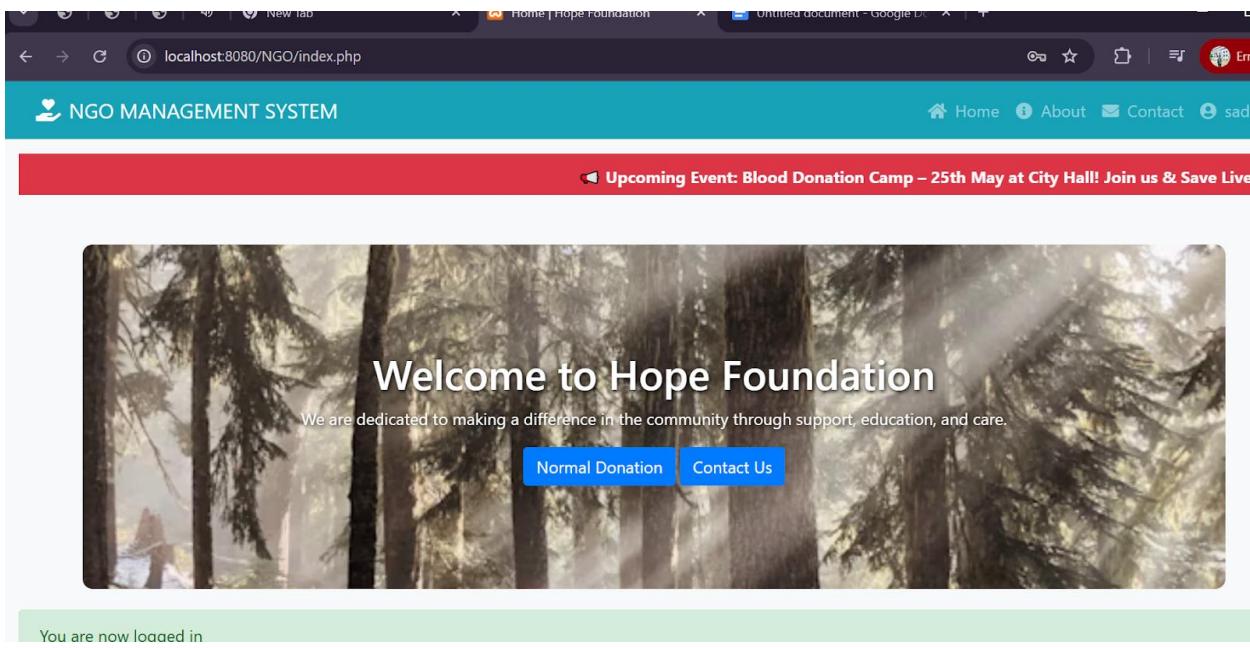
sadia

Password

LOGIN

Don't have an account? [Sign up](#)

## HOME PAGE



localhost:8080/NGO/index.php

NGO MANAGEMENT SYSTEM

Home About Contact sadia

Upcoming Event: Blood Donation Camp – 25th May at City Hall! Join us & Save Lives

Welcome to Hope Foundation

We are dedicated to making a difference in the community through support, education, and care.

Normal Donation Contact Us

You are now logged in

## Donation Progress

\$6,500 raised of \$10,000



**Helping the Underprivileged (2010)**  
Founded with a mission to help the underprivileged.



**Education & Healthcare Initiatives (2015)**  
Launched education and healthcare initiatives to empower communities.



**10,000+ Beneficiaries (2020)**  
Reached thousands across multiple regions through our programs.

NGO MANAGEMENT SYSTEM

[Home](#) [About](#) [Contact](#) [sadia](#)

### What We Offer



Blood Donation



Cash Donation



Food Support

### Events





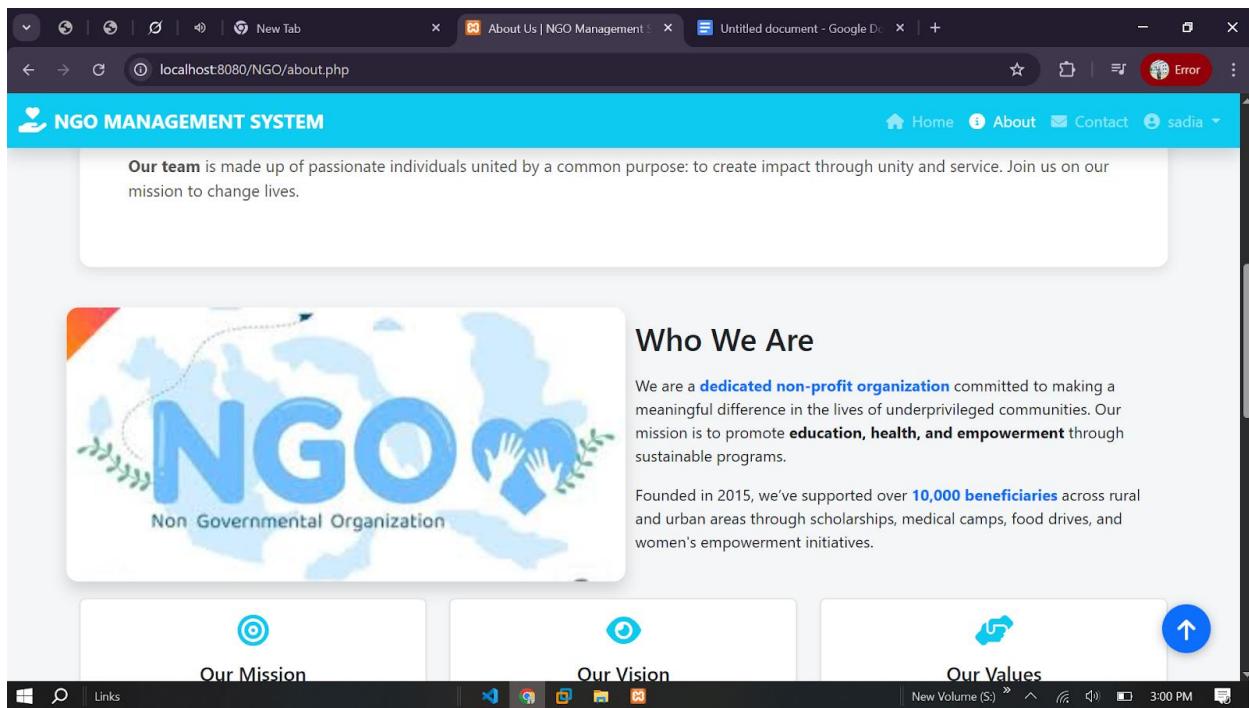


Links
New Volume (S:)
2:59 PM

The screenshot shows the homepage of the NGO Management System. At the top, there is a navigation bar with links for Home, About, Contact, and a user account for 'sadia'. Below the navigation bar, a large section is titled 'Subscribe to our Newsletter' with a text input field for 'Enter your email' and a blue 'Subscribe' button. Below this, a section titled 'Testimonials' contains a quote: "Volunteering with Hope Foundation has been the most rewarding experience." At the bottom of the page, there is a footer with social media links for Facebook, Twitter, Instagram, and YouTube, followed by the text '© 2025 Hope Foundation. All rights reserved.' and a blue upward arrow icon.

## ABOUT PAGE

The screenshot shows the 'About Us' page of the NGO Management System. The page has a header with the 'NGO MANAGEMENT SYSTEM' logo and a navigation bar with links for Home, About, Contact, and a user account for 'sadia'. The main content area is titled 'About Our NGO Management System' and features a sub-section titled 'Key Characteristics' with a bulleted list: **Independent**, **Non-Profit**, **Value-Based**, and **Diverse Missions**. Below this, there is a section titled 'Popular NGOs:' with a bulleted list: **Aga Khan Foundation**, **Edhi Foundation**, **Saylani Welfare Trust**, and **Allibidmat Foundation**. The footer of the page includes a copyright notice '© 2025 NGO Management System. All rights reserved.' and a blue upward arrow icon.



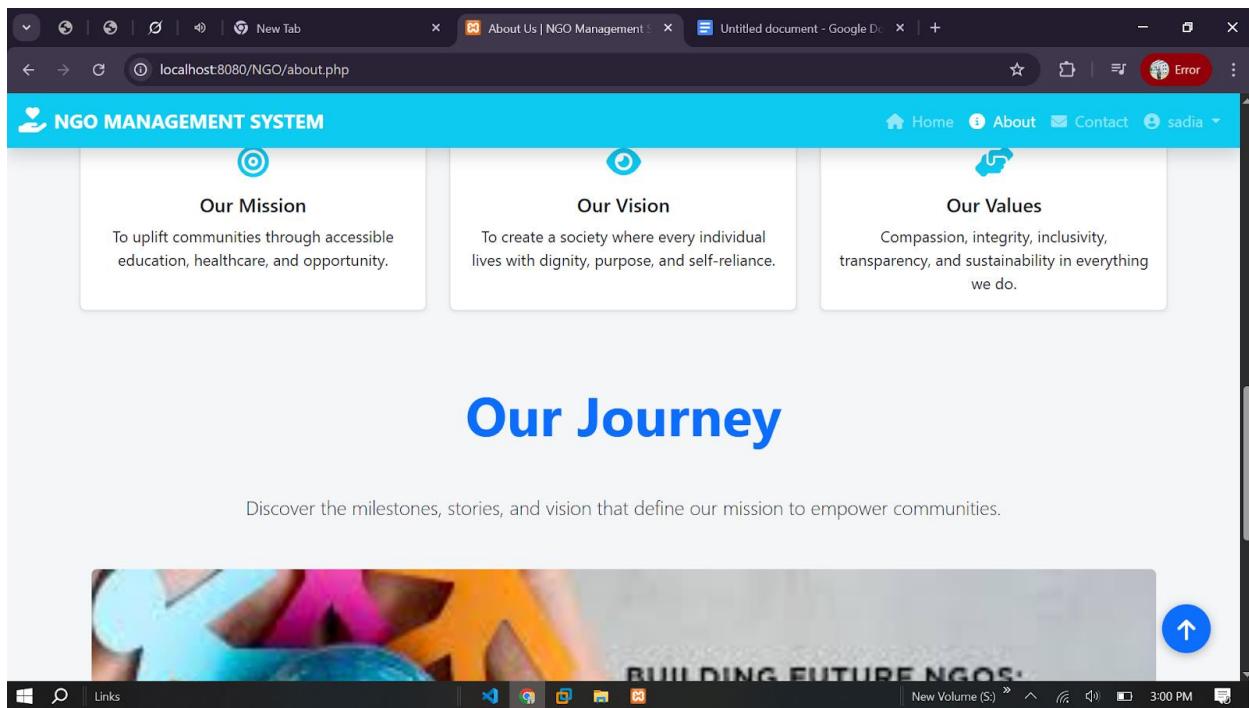
Our team is made up of passionate individuals united by a common purpose: to create impact through unity and service. Join us on our mission to change lives.

## Who We Are

We are a **dedicated non-profit organization** committed to making a meaningful difference in the lives of underprivileged communities. Our mission is to promote **education, health, and empowerment** through sustainable programs.

Founded in 2015, we've supported over **10,000 beneficiaries** across rural and urban areas through scholarships, medical camps, food drives, and women's empowerment initiatives.

**Our Mission** **Our Vision** **Our Values**



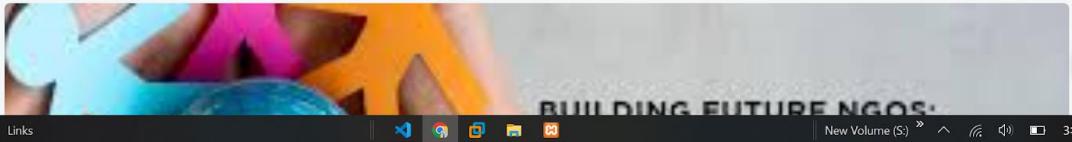
Our Mission  
To uplift communities through accessible education, healthcare, and opportunity.

Our Vision  
To create a society where every individual lives with dignity, purpose, and self-reliance.

Our Values  
Compassion, integrity, inclusivity, transparency, and sustainability in everything we do.

## Our Journey

Discover the milestones, stories, and vision that define our mission to empower communities.

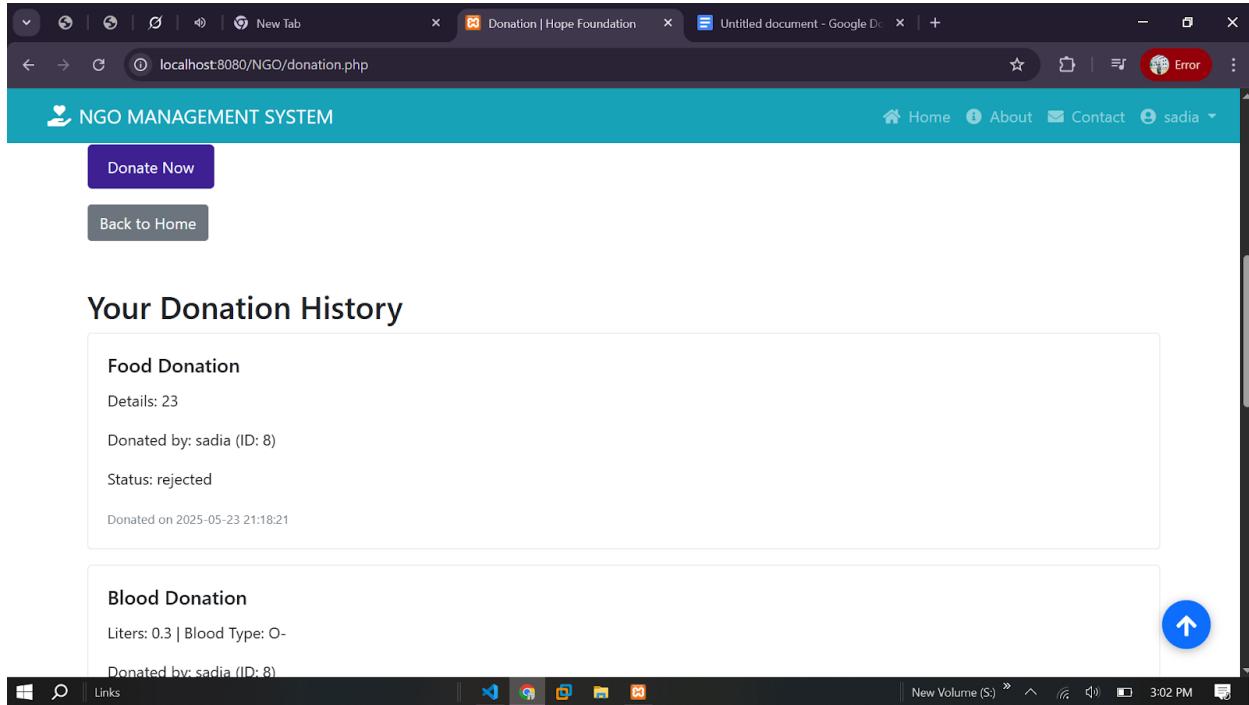


The screenshot shows a web browser window with the URL [localhost:8080/NGO/contact.php](http://localhost:8080/NGO/contact.php). The page has a teal header with the NGO Management System logo and navigation links for Home, About, Contact, and a user account. The main content area features a sidebar with contact information: Address (E9, ISLAMABAD), Phone (+0098 9893 5647, +0096 3434 5678), and Email (@gmail.com, @gmail.com). To the right, a form titled "Send us a message" is displayed, with fields for "Enter your email" and "Enter your message", and a "Send Now" button.

## CONTACT US

The screenshot shows a web browser window with the URL [localhost:8080/NGO/donation.php](http://localhost:8080/NGO/donation.php). The page has a teal header with the NGO Management System logo and navigation links. The main content area is titled "Make a Donation" and contains several input fields: "Donation Type" (Blood), "Liters of Blood" (10), "Blood Type" (O+), "Full Name" (sadia), "Email" (sadia@gmail.com), and "Phone" (03123456567). The "Phone" field is highlighted with a blue border.

## DONATIONS HISTORY



NGO MANAGEMENT SYSTEM

Donate Now

Back to Home

### Your Donation History

**Food Donation**

Details: 23

Donated by: sadia (ID: 8)

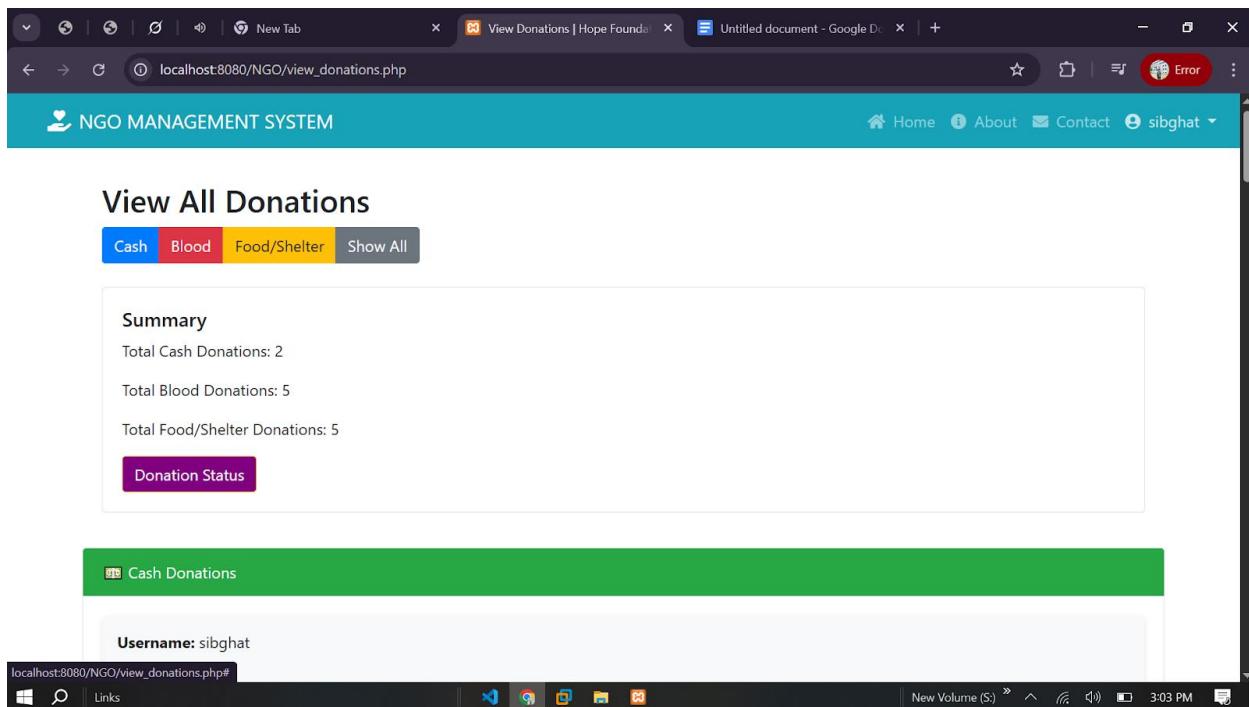
Status: rejected

Donated on 2025-05-23 21:18:21

**Blood Donation**

Liters: 0.3 | Blood Type: O-

Donated by: sadia (ID: 8)



NGO MANAGEMENT SYSTEM

Cash Blood Food/Shelter Show All

### View All Donations

**Summary**

Total Cash Donations: 2

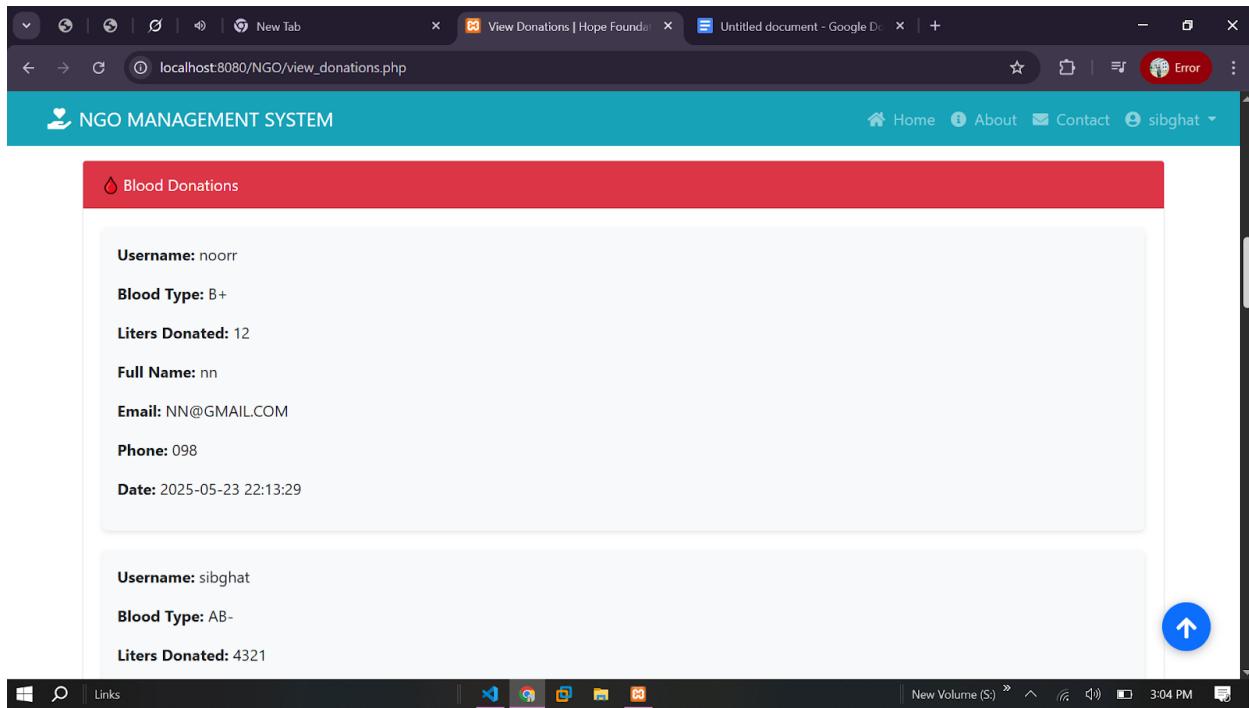
Total Blood Donations: 5

Total Food/Shelter Donations: 5

**Donation Status**

**Cash Donations**

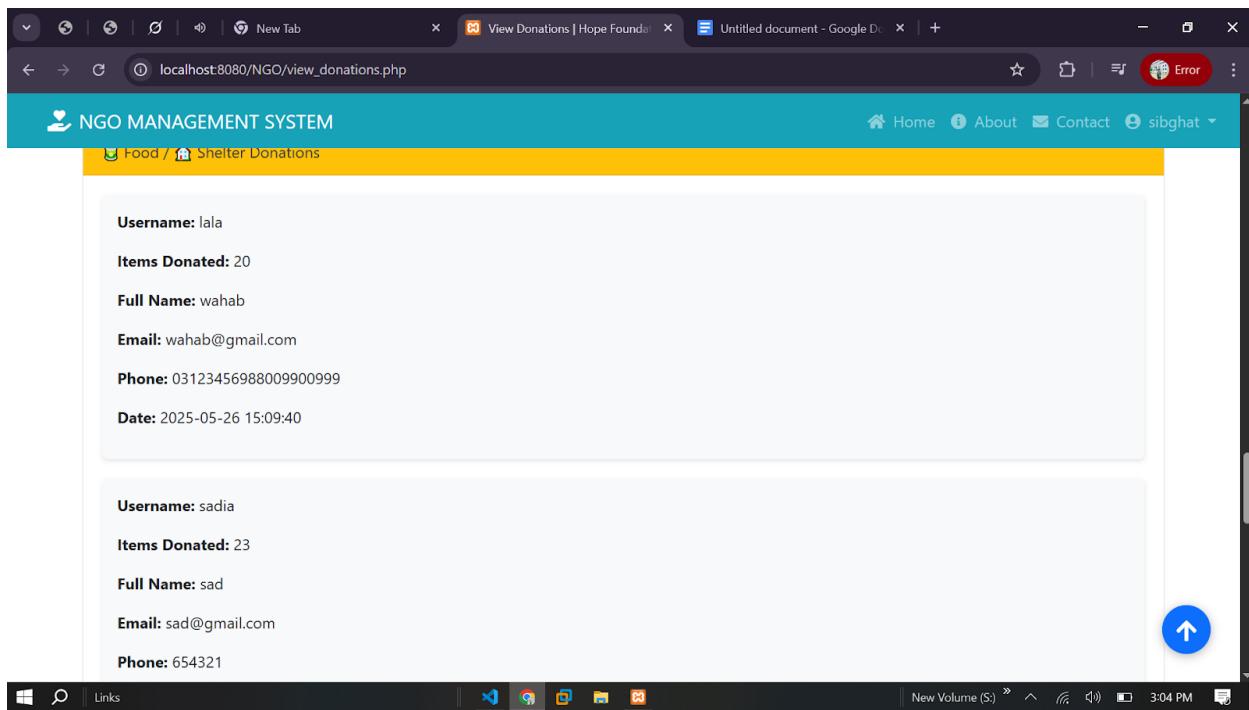
Username: sibghat



**Blood Donations**

**Username:** noorr  
**Blood Type:** B+  
**Liters Donated:** 12  
**Full Name:** nn  
**Email:** NN@GMAIL.COM  
**Phone:** 098  
**Date:** 2025-05-23 22:13:29

**Username:** sibghat  
**Blood Type:** AB-  
**Liters Donated:** 4321



**Food / Shelter Donations**

**Username:** lala  
**Items Donated:** 20  
**Full Name:** wahab  
**Email:** wahab@gmail.com  
**Phone:** 03123456988009900999  
**Date:** 2025-05-26 15:09:40

**Username:** sadia  
**Items Donated:** 23  
**Full Name:** sad  
**Email:** sad@gmail.com  
**Phone:** 654321

NGO MANAGEMENT SYSTEM

User List | Hope Foundation

Untitled document - Google Doc

Error

Home About Contact sibghat

2 user1 user1@example.com Delete

3 sibghat sibghatullah1a2a3a@gmail.com Delete

4 noor ff@gmail.ci Delete

5 ali ali123@gmail.com Delete

6 Gohar 230930@students.au.edu.pk Delete

7 sadia1 sad@gmail.com Delete

8 sadia ff@gmail.cm Delete

13 mahnoor1 W@G.COM Delete

15 malik malik@gmail.com Delete

16 sibghatullah2 sibghatullah1a2a3a@gmail.com Delete

Links

New Volume (S:) 3:05 PM

2	user1	user1@example.com	Delete
3	sibghat	sibghatullah1a2a3a@gmail.com	Delete
4	noor	ff@gmail.ci	Delete
5	ali	ali123@gmail.com	Delete
6	Gohar	230930@students.au.edu.pk	Delete
7	sadia1	sad@gmail.com	Delete
8	sadia	ff@gmail.cm	Delete
13	mahnoor1	W@G.COM	Delete
15	malik	malik@gmail.com	Delete
16	sibghatullah2	sibghatullah1a2a3a@gmail.com	Delete

View All Messages

User List | Hope Foundation

Untitled document - Google Doc

Error

Home About Contact sibghat

**Username:** sadia

**Email:** sibghatullah1a2a3a@gmail.com

**Message:** .

**Sent At:** 2025-05-26 13:34:16

**Username:** noor

**Email:** W@G.COM

**Message:** 76

**Sent At:** 2025-05-23 22:13:40

**Username:** sibghatullah2

**Email:** sibghatullah1a2a3a@gmail.com

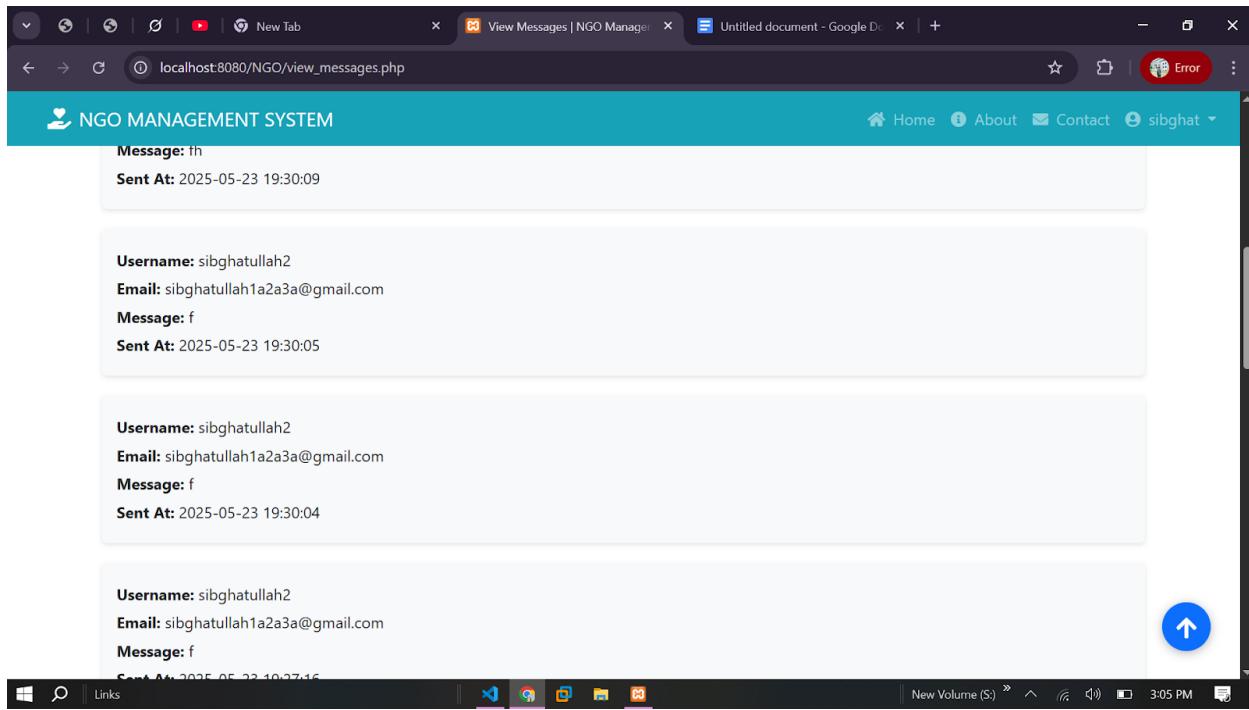
**Message:** hi there test4

**Sent At:** 2025-05-23 19:35:51

Links

New Volume (S:) 3:05 PM

<b>Username:</b> sadia	<b>Email:</b> sibghatullah1a2a3a@gmail.com	<b>Message:</b> .
<b>Username:</b> noor	<b>Email:</b> W@G.COM	<b>Message:</b> 76
<b>Username:</b> sibghatullah2	<b>Email:</b> sibghatullah1a2a3a@gmail.com	<b>Message:</b> hi there test4



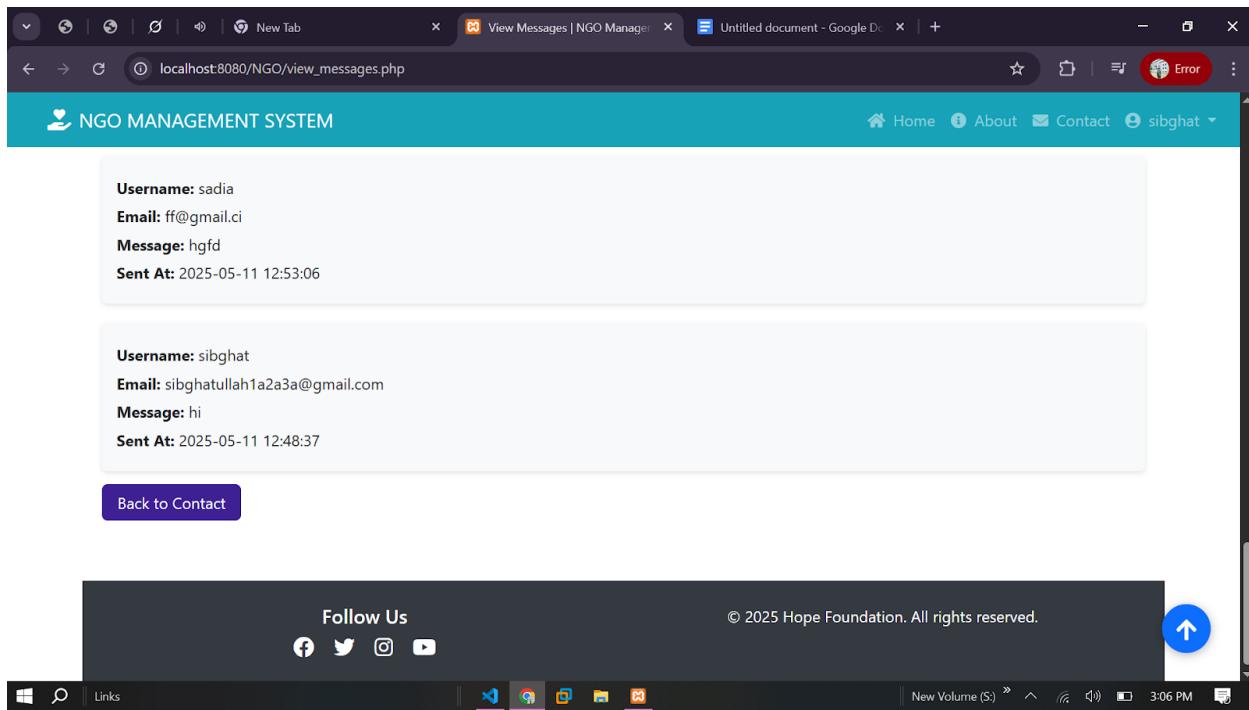
**Message:** th  
**Sent At:** 2025-05-23 19:30:09

**Username:** sibghatullah2  
**Email:** sibghatullah1a2a3a@gmail.com  
**Message:** f  
**Sent At:** 2025-05-23 19:30:05

**Username:** sibghatullah2  
**Email:** sibghatullah1a2a3a@gmail.com  
**Message:**  
**Sent At:** 2025-05-23 19:30:04

**Username:** sibghatullah2  
**Email:** sibghatullah1a2a3a@gmail.com  
**Message:**  
**Sent At:** 2025-05-23 19:30:04

**Up arrow icon**



**Username:** sadia  
**Email:** ff@gmail.ci  
**Message:** hgfd  
**Sent At:** 2025-05-11 12:53:06

**Username:** sibghat  
**Email:** sibghatullah1a2a3a@gmail.com  
**Message:** hi  
**Sent At:** 2025-05-11 12:48:37

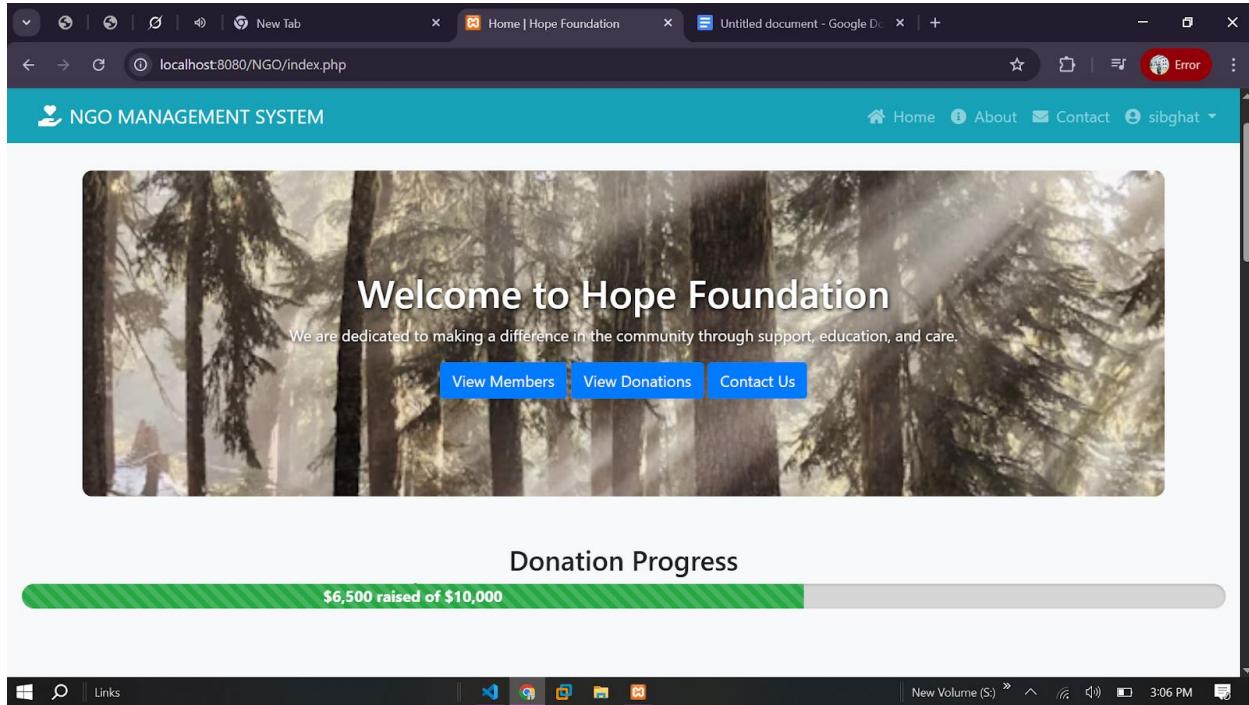
**Back to Contact**

**Follow Us**  

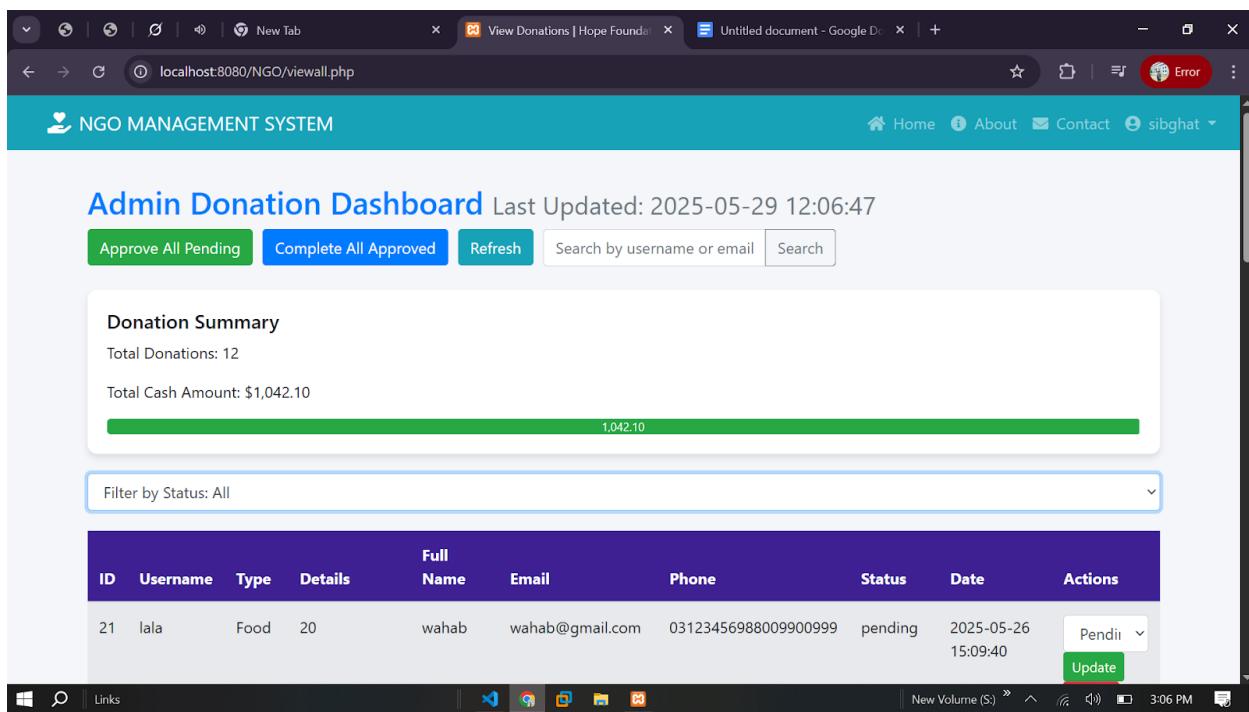

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**Up arrow icon**

# ADMIN PRIVILAGES



The screenshot shows the homepage of the NGO Management System. The header features a teal bar with the system name and a navigation menu. The main content area has a background image of a forest and displays a welcome message: "Welcome to Hope Foundation" and "We are dedicated to making a difference in the community through support, education, and care." Below this are three buttons: "View Members", "View Donations", and "Contact Us". A "Donation Progress" bar shows "\$6,500 raised of \$10,000". The Windows taskbar at the bottom shows various pinned icons and the system tray.



The screenshot shows the Admin Donation Dashboard. The header includes the system name and a navigation menu. The main content area displays a "Donation Summary" with "Total Donations: 12" and "Total Cash Amount: \$1,042.10". A "Filter by Status: All" dropdown is shown. Below is a table of donation details:

ID	Username	Type	Details	Full Name	Email	Phone	Status	Date	Actions
21	lala	Food	20	wahab	wahab@gmail.com	03123456988009900999	pending	2025-05-26 15:09:40	Pending <span>Update</span>

The Windows taskbar at the bottom is visible.

21	lala	Food	20	wahab	wahab@gmail.com	03123456988009900999	pending	2025-05-26 15:09:40	Pendii	<button>Update</button> <button>Delete</button>
20	noorr	Blood	Type: B+, Liters: 12	nn	NN@GMAIL.COM	098	pending	2025-05-23 22:13:29	Pendii	<button>Update</button> <button>Delete</button>
19	sadia	Food	23	sad	sad@gmail.com	654321	rejected	2025-05-23 21:18:21	Reject	<button>Update</button> <button>Delete</button>
14	sibghat	Blood	Type: AB-, Liters: 4321	sadia	ali123@gmail.com	7654321	approved	2025-05-23 20:17:24	Apprc	<button>Update</button> <button>Delete</button>
13	sibghat	Food	32	fsd	ff@gmail.ci1	54321	approved	2025-05-23	Apprc	<button>Apprc</button>

## PHP DATABASE

Server: 127.0.0.1 > Database: project

**Structure** **SQL** **Search** **Query** **Export** **Import** **Operations** **Privileges** **Routines** **Events** **More**

**Filters** Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
donations	Browse  Structure  Search  Insert  Empty  Drop	12	InnoDB	utf8mb4_general_ci	48.0 KiB	-
messages	Browse  Structure  Search  Insert  Empty  Drop	14	InnoDB	utf8mb4_general_ci	16.0 KiB	-
users	Browse  Structure  Search  Insert  Empty  Drop	12	InnoDB	utf8mb4_general_ci	64.0 KiB	-
3 tables	Sum	38	InnoDB	utf8mb4_general_ci	128.0 KiB	0 B

Check all

Print Data dictionary

**Create new table**

Table name:  Number of columns:

Console

phpMyAdmin

Server: 127.0.0.1 » Database: project » Table: donations

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More

id user\_id amount type full\_name email phone status created\_at blood\_type

9	8	0.00	blood	NNNN	NN@GMAIL.COM	543	approved	2025-05-23 09:51:13	NULL
10	8	0.00	blood	MMMM	MM2@GMAIL.COM	4231	approved	2025-05-23 10:00:03	O-
13	3	0.00	food	fsd	ff@gmail.ci	54321	approved	2025-05-23 20:17:01	NULL
14	3	0.00	blood	sadia	ali123@gmail.com	7654321	approved	2025-05-23 20:17:24	AB-
19	8	0.00	food	sad	sad@gmail.com	654321	rejected	2025-05-23 21:18:21	NULL
20	17	0.00	blood	nn	NN@GMAIL.COM	098	pending	2025-05-23 22:13:29	B+
21	18	0.00	food	wahab	wahab@gmail.com	03123456988009900999	pending	2025-05-26 15:09:40	NULL
1	4	0.10	blood	noor	noor@gmail.com	03XXXXXXX	approved	2025-05-23 09:08:50	NULL
3	8	1.00	food	sadia	sad@gmail.com	03338665786	approved	2025-05-23 09:10:26	NULL
6	4	20.00	food	MNOOR	mah@gmail.com	03XXXXXXX	approved	2025-05-23 09:25:58	NULL

## DONATIONS DATABASE

phpMyAdmin

Server: 127.0.0.1 » Database: project » Table: donations

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More

id user\_id amount type full\_name email phone status created\_at blood\_type

12	3	21.00	cash	MMMM	mah@gmail.com	1234	approved	2025-05-23 20:16:44	NULL
2	8	1000.00	cash	sadia	sad@gmail.com	03XXXXXXX	approved	2025-05-23 09:10:09	NULL

## MESSAGES DATABASE

localhost:8080/phpmyadmin/index.php?route=/sql&pos=0&db=project&table=messages

phpMyAdmin

Server: 127.0.0.1 » Database: project » Table: messages

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

id username email message created\_at

2	sibghat	sibghatullah1a2a3a@gmail.com	hi	2025-05-11 12:48:37
3	sadia	ff@gmail.ci	hgfd	2025-05-11 12:53:06
4	ali	ali123@gmail.com	hi	2025-05-12 08:41:55
5	sadia1	ali123@gmail.com	\n	2025-05-12 10:06:36
6	sadia	W@G.COM	gfd	2025-05-12 20:19:09
7	sadia	sibghatullah1a2a3a@gmail.com	3yl45enw	2025-05-12 23:14:55
8	sibghat	W@G.COM	hiiiiii	2025-05-23 10:11:50
9	sibghatullah2	sibghatullah1a2a3a@gmail.com	f	2025-05-23 19:27:16
10	sibghatullah2	sibghatullah1a2a3a@gmail.com	f	2025-05-23 19:30:04
11	sibghatullah2	sibghatullah1a2a3a@gmail.com	f	2025-05-23 19:30:05
12	sibghatullah2	sibghatullah1a2a3a@gmail.com	fh	2025-05-23 19:30:09
13	sibghatullah2	sibghatullah1a2a3a@gmail.com	hi there test4	2025-05-23 19:35:51
14	noorr	W@G.COM	76	2025-05-23 22:13:40
15	sadia	sibghatullah1a2a3a@gmail.com	.	2025-05-26 13:34:16

Console

## USER DATABASE

localhost:8080/phpmyadmin/index.php?route=/sql&pos=0&db=project&table=users

phpMyAdmin

Server: 127.0.0.1 » Database: project » Table: users

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More

Extra options

id username email password role

2	user1	user1@example.com	\$2y\$10\$...	user
3	sibghat	sibghatullah1a2a3a@gmail.com	\$2y\$10\$QxT8BbG6aSNzCSH2mlZDewak/6ovj74h2lBluPUEP...	admin
4	noor	ff@gmail.ci	\$2y\$10\$S/fumgEk.xpI0Jmgm6GGCOO3EcxC4N3nxXqUP/p.SjY...	user
5	ali	ali123@gmail.com	\$2y\$10\$gb03QvM9DMh3eW1GVGOUPlqOvY.P8j23/hxp.LGrO/IJU...	
6	Gohar	230930@students.au.edu.pk	\$2y\$10\$lc5mpUD3GTuid/n/lsjerKStbZL4Cha/M2KLnzfjk3...	
7	sadia1	sad@gmail.com	\$2y\$10\$9b0u2bBjP8gjsfxT4ehyOvBoF9uQkHQm15B5XeH9Mi...	
8	sadia	ff@gmail.ci	\$2y\$10\$mlzOJlhWAMIRelz5RIGJouAWF42dwW3nF4fqGzqGxeU...	
13	mahnoor1	W@G.COM	\$2y\$10\$vl47i22Uwg1z2KKSZouixF.k0s5v7/ahn.onPxnA...	donor
15	malik	malik@gmail.com	\$2y\$10\$v3K2m5h66WSFKNNrDPn5PuszGNKshsLdDZO5WxBl4...	volunteer
16	sibghatullah2	sibghaW@G.COM	\$2y\$10\$V2X6jtqeHXyvR1ZHPU.LeWDm1q/yNGu1DUSorq.ue...	
17	noorr	noorrr@gmail.com	\$2y\$10\$3sKmCJlhGh/Gwf1u9ekP.le6aEqXx7mJsa6bxWPr7O...	
18	lala	lala@gmail.com	\$2y\$10\$vUTDWmRwWRRfl0Ndc5Ggewx9PwVvhins3Sg3JQd6cw...	

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations