

DONATION CLUB

DATA DICTIONARY

Submitted By:

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PROCESSES:

Serial Number	Process	Description	Inbound Data Flows	Outbound Data Flows
1.	Donor Info Processing	Saves information of new users and requests products from users.	1.user information. 2.quantity of product users want to donate. 3.Product requested by NGO	Product quantity
2.	Acceptor Info Processing	Saves information of new NGOs and passes products to users from NGO.	1. NGO information. 2.Product quantity sent by user.	Product information requested by NGO

DATA FLOW:

Serial Number	Data Flow Name	Description	From Process	To Process	Data Structure
1.	Donor info saved.	Saves information if the user is not registered on the website.	Donor info processing		User_details
2.	NGO info saved.	Saves information if an NGO is not registered on a website.	Acceptor info processing		NGO_details
3.	Request Product	NGO requests for products.		Acceptor info processing	Product_details
4.	Requirement sent.	Product request is further sent to processes	Acceptor info processing	Donor info processing	Product_details

5.	Availability check	Checks if product is already donated by some user or not.	Donor info processing		Product_details
6.	Feedback (if product is available)	If a product is already donated and available, then this feedback is sent.		Acceptor info processing	Product_details
7.	Requested product sent to users.	If a product is not present in the available list of products, then this information is sent to registered users.	Donor info processing		Product_details
8.	Wants to donate	User information is sent who wants to donate		Donor info processing	Product_details

9.	Feedback	Feedback is sent to an intermediate process that some user is found who wants to donate.	Donor info processing	Acceptor info processing	Product_details
10.	Feedback (to NGO)	Feedback is further sent to the NGO that some user is found who wants to donate and his/her information is sent.	Acceptor info processing		Product_details
11.	Confirm donation	The NGO sends confirmation to the user that he can donate and tells the date and time to donate the required product.	Acceptor info processing	Donor info processing	Donation

DATA STRUCTURES:

1. Issue

- Issue_id
- Name
- Description

2. NGO_details

- NGO_id
- Password
- Image
- Title
- Rating
- Year-established
- Description
- Country
- State
- City
- Pincode
- Issue
- Phone Number
- Email
- Website

3. User_details

- User_id
- Full Name
- Password
- Image
- Email
- Phone Number
- Country
- State
- City

4. Product_details

- Product_id
- User_id
- Image
- Title
- Description
- Deadline
- Quantity
- Donated

5. Donation

- Product_id
- Date
- Amount
- User_id

6. Contact Us

- Name
- Email
- Subject
- Message

DATA STORES:

1. ISSUE

Serial Number	Attribute	Description	Key type	Data type	Length
1.	Issue_id	Issue Number	Primary	INT	4
2.	Name	Issue Name		TEXT	64
3.	Description	Detail of Issue		TEXT	1024

2. NGO_details

Serial Number	Attribute	Description	Key type	Data type	Length
1.	NGO_id	NGO Number	Primary	INT	4
2.	Password	Password		TEXT	64
3.	Title	Title Name		TEXT	128
4.	Image	Logo of NGO		File	
5.	Rating	Rating of NGO		INT	4
6.	Year-established	Year-established		INT	4
7.	Description	Description of NGO		TEXT	1024
8.	Country	Country Name		TEXT	64
9.	State	State Name		TEXT	64
10.	City	City Name		TEXT	64
11.	Pincode	Pincode		TEXT	64

12.	Phone Number	Phone Number		TEXT	64
13.	Email	Email		TEXT	64
14.	Website	Website		TEXT	64

3. User_details

Serial Number	Attribute	Description	Key type	Data type	Length
1.	User_id	User Number	Primary	INT	4
2.	Password	Password		TEXT	64
3.	Full Name	Full Name		TEXT	128
4.	Image	Logo of NGO		File	
5.	Country	Country Name		TEXT	64

6.	State	State Name		TEXT	64
7.	City	City Name		TEXT	64
8.	Phone Number	Phone Number		TEXT	64
9.	Email	Email		TEXT	64

4. Product_details

Serial Number	Attribute	Description	Key type	Data type	Length
1.	Product_id	Product Number	Primary	INT	4
2.	User_id	User number	Foreign	TEXT	64
3.	Title	Title		TEXT	128

4.	Image	Product image		File	
5.	Description	Description		TEXT	1024
6.	Deadline	Deadline		Date/time	
7.	Quantity	Quantity		INT	4
8.	Donated	Donated		INT	4

5. Donation

Serial Number	Attribute	Description	Key type	Data type	Length
1.	Product_id	Product Num	Foreign	INT	4
2.	User_id	User Num	Foreign	INT	4
3.	Amount			INT	4
4.	Date	Date of donation		Date/time	

6. Contact Us

Serial Number	Attribute	Description	Key type	Data type	Length
1.	Name	Person name		TEXT	128
2.	Email	Person email		TEXT	128
3.	Subject	Person subject		TEXT	128
4.	Message	Person Message		TEXT	1024