System Requirements Statement (SRS) –

Helping Hand

#### Seeker Module

### Account Creation Process

* Donation System compels to create the account before using it. So, Donation System should provide the function which makes Seeker creates new account.
* When Seeker creates new account, the function demands five information described as below.

1. Login information

2.Contact Details

3.Security Question Information

4.Payment information.

5.Seeker Authentication.

* The Login information

The Login information consists of some items described as below.

6.UserID

7.Password

8.Seeker Name

9.E-mail address

* + All items are compulsory demanded.
  + UserID
* The UserID should be unique. If the UserID correspond with not case-sensitive to other which is previously registered, the UserID should not be registered as an account.
  + Password
* The Password has constrains which makes the Password consists of more than or equal 8 and less than or equal 16 characteristics including characters described as below.

1.Numeric figure (at least one)

2.Capital alphabet (A-Z)(at least one)

3.Small alphabet (a-z)(at least one)

4.Special character (#, $, %, &, etc.) (at least one)

* The Password is masked by dummy characters. The re-entering Password is demanded.
* The Password must be encrypted in Donation System.
* Contact Details
* The Contact Detail consists of some items described as below.

1.Permanent Address

2.Contact Phone No

3.E-mail Address

* + All items are compulsory demanded.
  + Permanent Address
* Permanent Address should be filled
* The Security Question information

The Security Question information is needed when Seeker lost their Password. This information consists of two items described as below.

1. Selected Question
2. Answer
   * All items are compulsory demanded.
   * Some questions which are difficult to answer for anyone else are prepared in advance.

E.g. which color do you like most?

* + A question should be selected from options by the Seeker, and the Answer is registered by the Seeker.
* Login information should be entered on one screen, and then Seeker information and Security Question information should be entered on another screen.

### Login Process

* Donation System always compels Seeker authentication before using itself except when a new account is successfully created.
* The user authentication demands UserID and Password. The UserID and the Password should be checked in three ways.
  + First, The UserID and the Password should be existed and correct.
* If The UserID and the Password are not equal to what the user has registered, the user authentication cannot be provided.
  + Second, the User Type linked to the UserID should be "user".
* When the User Type is "Seeker", user can be placed on “Seeker Home”.
  + Finally, UserID should be available.
* The Administrator can decide whether the UserID is available or suspended – Refer to the SRS of the Admin part.
* If user is rejected, user authentication is not provided for Seeker.
* The Seeker account should alive for so long as the duration decided by Admin.
* Only when the three checks are successfully completed, Seeker can be placed on respected page.
* The “Seeker Home” provides the some items described as below.

1. A trigger to logout
2. A trigger to update Account
3. A trigger to Forget Password
4. A trigger to Change Password
5. A trigger to create cause
6. A trigger to Cancel cause
7. A trigger to Update Cause
8. A trigger to view donation(History)

### Forgot Password Process

* When Seeker lost their Password, the recovery method should be provided by Donation system.

The recovery method is described as below.

* + First, Seeker enters their UserID for Donation System.
  + Next, Donation System demands the Answer which has been registered since when the Account was created.
  + Only when the Answer is correct, Seeker get the new password by E-mail which also has been registered since when the Account was created.
  + The new password is automatically generated by Donation System.
* Of course, the new password should consist of more than or equal 8 and less than or equal 16 characteristics including at least a numeric figure, a capital alphabet, a small alphabet, and a special character.
* As a consequence, The Seeker could get the user authentication using the new password.
  + Then, the Seeker had better change the new password manually.
* If the Answer is not correct, otherwise, the correct Answer is demanded for Seeker again.
  + In that case, Of course, Seeker couldn’t get the new password.

### Change Password Process

* When Seeker wants to change their Password, the measure should be provided by Donation System.
* Therefore, Donation System should provide the function which is available after getting the Seeker authentication.
* The function demands the current password and the new password.
  + Of course, the new password should consist of more than or equal 8 and less than or equal 16 characteristics including at least a numeric figure, a capital alphabet, a small alphabet, and a special character.
  + The current password and the new password are masked by using dummy characters.
  + The new password is demanded to enter twice to avoid a typing error.
* Only when the current password is correct, Seeker could change their Password.
* When the current password is changed into new password, Donation System compels Seeker authentication again.

### Update Account Process

* Donation System should provide the function which makes the account updated for Seeker.
* The information Seeker could update is described below.

1. Login information

2. User information

3. Security Question Information

* The Login information

The updatable items as described below.

1. Orphanage Name
2. E-mail address
   * All items are compulsory demanded, but updating is optional.

* The User information

The updatable items as described below.

1. User Name
2. User Phone No
3. E-mail address
4. Permanent address
   * All items are compulsory demanded, but updating is optional.

* The Security Question information

The updatable items as described below.

1. Selected Question
2. Answer
   * All items are compulsory demanded, but updating is optional.

#### Create a cause

• Creating a cause for donation followings are the Parameters

1. Item Quantity

* Number of items are required for a seeker.
* Seeker need a items a till specific date.

1. Categories of Item

* Types of categories seeker required can categorized as fallows:-

1. Food

* Food can be recived in packed, grains,

1. Cloths

* Cloths may except of any size and for any generations

1. Money

* Money can be except in terms of check,NEFT,etc

1. Medicine

* Medicines may contains variety, where they can halt,prevent,or cure illnesses.

1. Toys

* Toys can be expected which are used but not broken one.

1. Books

* Books of all varieties can be received.

**1.2.7 Cancel Cause**

• if Seeker is not ok with Donation following are condition

1. If the product does not fulfill the requirement.
2. If Seeker got the donation from another donner.
3. If the Seeker need has been change.

**1.2.8 Update cause**

• if Seeker is not ok or want something extra from Donner following are condition

* If Seeker needs more quantity.
* If the Seeker need has been change.
  + 1. **View Donation**
       1. **Present:-**

• Seeker could see the information of present status donation**.**

1. Seeker can see amount of donation is taking.
2. Seeker can even see the donation has been cancelled.
3. Seeker can get to know status of donation,
   * + 1. **History:-**

• Seeker could see the information of existing Donation**.**

1. Seeker can see amount of donation has been taken.
2. Seeker can even see the donation has been cancelled.

1. **NGO Module**

The NGO module provides Non-Governmental Organizations with the functionalities to manage donations and  allocate resources within the Helping Hand platform.

**2.1.1 Account Creation Process**

* NGOs are required to create an account before using the platform.
* The account creation process requires the following information:

1. **Login Information**
2. **Organization Details**
3. **Contact Details**
4. **Security Question Information**

**Login Information**

* The Login Information consists of the following items:

* UserID
* Password
* Organization Name
* E-mail Address
* User Type (NGO)
* All items are mandatory.
* The UserID must be unique and not case-sensitive.
* The Password must be between 8 and 16 characters and include:
  1. At least one numeric figure
  2. At least one capital alphabet (A-Z)
  3. At least one small alphabet (a-z)
  4. At least one special character (#, $, %, &, etc.)
* The Password is masked and needs to be entered twice for confirmation.
* The Password must be encrypted in the system.

**Organization Details**

* The Organization Details consist of:
  + Organization Address
  + Organization Phone Number
  + All items are mandatory.

**Contact Details**

* The Contact Details consist of:
  + Contact Person Name
  + Contact Person Phone Number
  + All items are mandatory.

**Security Question Information**

* The Security Question Information is needed if the NGO forgets their Password. It includes:
  + Selected Question
  + Answer
  + All items are mandatory.
  + Questions should be difficult for others to answer (e.g., "What is your favorite color?").

**2.1.2 Login Process**

* NGOs must authenticate before accessing the platform.
* The user authentication requires UserID and Password, verified as follows:
  1. The UserID and Password must exist and be correct.
  2. The User Type linked to the UserID should be "NGO".
  3. Check the availability of the UserID (should not be suspended).

* Upon successful verification, the NGO is directed to the NGO Home page, which includes:
  1. Logout Trigger
  2. Update Account Trigger
  3. Change Password Trigger
  4. Receive Donations
  5. View Received Donations
  6. Publish Request for Donations and Resources
  7. Allocate Donations to Various Seekers
  8. Donor Acknowledgement / Updating Donor About Donations

**2.1.3 Forgot Password Process**

* If an NGO forgets their password, the system provides a recovery method:
  1. The NGO enters their UserID.
  2. The system requests the security question answer registered during account creation.
  3. If the answer is correct, a new password is sent to the NGO's registered email address.
  4. The new password is system-generated and must meet the same criteria as the original password.
  5. The NGO should change the new password manually after logging in.

**2.1.4 Change Password Process**

* NGOs can change their password using the following steps:
  1. Provide the current password and the new password.
  2. The new password must meet the required criteria.
  3. Both the current and new passwords are masked.
  4. The new password must be entered twice for confirmation.
  5. If the current password is correct, the system updates the password and requires re-authentication.

**2.1.5 Update Account Process**

* NGOs can update their account information, including:
  1. **Login Information**: Organization Name, E-mail Address (all mandatory but optional to update)
  2. **Organization Details**: Organization Address, Organization Phone Number (all mandatory but optional to update)
  3. **Contact Details**: Contact Person Name, Contact Person Phone Number (all mandatory but optional to update)
  4. **Security Question Information**: Selected Question, Answer (all mandatory but optional to update)

**2.1.6 Receive Donations**

* This functionality enables NGOs to receive and manage donations through the platform, ensuring that all contributions are accurately recorded, categorized, and tracked.

1. Record received donations (monetary or in-kind).
2. Categorize donations by type, amount, and source.
3. Update donation status (received, pending, allocated).

**Record Received Donations:**

* NGOs can record donations received through the platform.
* Both monetary and in-kind donations can be recorded.
* Each donation entry includes the donor's details, type of donation, amount or description of in-kind donation.

**Categorize Donations:**

* Donations can be categorized by type (monetary, goods, services).
* Further categorization by amount, source (individual donor, corporate donor), and purpose (specific project or general fund) is available.
* Custom categories can be created by NGOs if needed.

**Update Donation Status:**

* Each donation has a status that can be updated (e.g., received, pending, allocated).
* Status updates ensure transparency and help track the progress and utilization of donations.

**2.1.7 View Received Donations**

* NGOs can view all received donations.
  1. List of all donations with details (donor, amount, type, date).
  2. Filter donations by status, type, date, and donor.
  3. Generate reports on received donations.

**2.1.8 Publish Request for Donations and Resources**

* NGOs can publish requests for donations and resources needed for projects.This functionality allows NGOs to publish requests for donations and resources required for various projects. It aims to facilitate the collection of necessary funds and materials by providing potential donors with clear and detailed information about the NGO's needs and goals.

1. Specify the type of donation or resource needed.
2. Provide details about the project and its requirements.
3. Set deadlines for donation requests.

**Create Donation Request:**

* NGOs can create new requests for donations and resources.
* Each request includes a title, description, and specific needs.

**Specify Type of Donation or Resource:**

* NGOs can specify the type of donation needed, such as monetary funds, goods, or services.
* Options include predefined categories (e.g., food, clothing, educational materials) and a custom field for other types.

**Provide Project Details:**

* Detailed information about the project is included, such as objectives, target beneficiaries.
* The project description should be comprehensive and include images or documents if available.

**Set Deadlines:**

* NGOs can set deadlines for when the requested donations are needed.
* The system allows setting a start date and an end date for each request.

**Publish Request:**

* Once all required fields are completed, NGOs can publish the request.
* Published requests are visible to all users, including potential donors.

**2.1.9 Allocate Donations to Various Seekers**

* NGOs can allocate received donations to various seekers or projects.This functionality allows NGOs to allocate received donations to various seekers or projects efficiently. It ensures that donations are distributed according to the needs and priorities identified by the NGO, promoting effective resource management

1. Select the donation to be allocated.
2. Choose the seeker or project to receive the donation.
3. Track the allocation status and update it as necessary.

**Donation Selection:**

* NGOs can view a list of all received donations.
* Each donation entry includes details such as the donor name, amount, date, and any specific instructions from the donor.
* NGOs can select one or more donations for allocation.

**Seeker/Project Selection:**

* NGOs can browse or search through a list of registered seekers and ongoing projects.
* Each seeker or project entry includes details such as name, description, funding needs, and current status.
* NGOs can select one or more seekers or projects to allocate donations to.

**Allocation and Status Update Process:**

* NGOs specify the amount of donation to be allocated to each selected seeker or project.
* The system checks that the allocation does not exceed the total donation amount.
* The system tracks the status of each allocation (e.g., pending, completed).
* Notifications can be sent to seekers when donations are allocated to them.

**2.1.10 Donor Acknowledgement / Updating Donor About Donations**

* NGOs can acknowledge donors and update them about their donations.This functionality ensures that donors are promptly acknowledged for their contributions and kept informed about how their donations are being utilized. This promotes transparency, builds trust, and encourages continued support.

1. Send acknowledgment emails to donors upon receiving donations.
2. Provide updates to donors on how their donations are being used.
3. Generate and send detailed reports to donors.

**Acknowledgement:**

* Upon receiving a donation, an  acknowledgment email is sent to the donor.
* The acknowledgment email includes the donation amount, date, and a thank-you message.

**Acknowledgement Tracking:**

* The system maintains a log of all acknowledgment emails sent.
* NGOs can view the status of acknowledgment emails (e.g., sent, delivered).

#### Donor Module

### Registration Process

* The purpose of this section is to define the requirements and functionalities related to the registration process within the Donation Management System. This includes how users (donors, recipients, and administrators) will register, the data that needs to be captured, and the workflows involved.
* The registration process allows users to create an account in the Donation Management System. The process ensures that necessary information is collected and verified to facilitate secure and efficient management of donations.
* When Donars creates new account, the function demands information described as below.

1. Register as an ORGANIZATION

2. Register as an INDIVIDUAL

* whileRegistering as an ORGANIZATION, the function demands following required feilds information described as below.

1. Organization Name
2. Contact person’s name
3. Contact person’s email
4. Contact person’s contact number
5. Address of an Organization
6. Create new password

* whileRegistering as an Individual, the function demands following required feilds information described as below.
* PERSONAL INFORMATION

1. First name
2. Lastname
3. Gender
4. PAN no.
5. Create new password

* CONTACT INFORMATION
  + 1. Address
    2. Contact number
    3. Email
    - All items are compulsory demanded.
    - The Password consists of more than or equal 8 and less than or equal 16 characteristics including characters described as below.

1. Numeric figure (at least one)

2. Capital alphabet (A-Z)(at least one)

3. Small alphabet (a-z)(at least one)

4. Special character (#, $, %, &, etc.) (at least one)

* + - In an Account creation process the user can select as an organization or an individual in the system.

### Login Process

* Donation Managment System always compels user authentication before using itself except when a new account is successfully created.
* The user authentication demands email and Password. The email and the Password should be checked and once it should be correct in terms to be get logged into their(individual and organization) respective dashboard.
* The **email** and the **Password** should be existed and correct.

If The **email** and the **Password** are not equal to what the user has registered, the user authentication cannot be provided.

* After successful login the user will be get directed to their respective Dashboard i.e. Organization dashboard or Individual entity dashboard.

### Organization Dashboard

* The organization dashboard page provide some of the items describes as below:

1. Home
2. Trigger to **make new donation**
3. Trigger to **View Donation history**
4. Trigger to **View causes**
5. Trigger to **View Donation receipt**
6. Trigger to **Update profile**
7. Trigger to **Change password**
8. Trigger to l**ogout**

* **View Donation history**

The purpose of this section is to define the requirements and functionalities for viewing donation history in the Donation Management System. This feature enables users to access and review past donation transactions for transparency and record-keeping purposes.

The View Donation History functionality allows users to see a detailed record of their donation activities, including dates, amounts, recipients, and any related notes.

* **View Causes**

The purpose of this section is to define the requirements and functionalities related to the "View Causes" feature within the Donation Management System. This feature allows users to view causes published by administrators that require donations.

* **View Donation Receipt**

The purpose of this section is to define the requirements and functionalities related to the "View Donation Receipt" feature within the Donation Management System. This feature allows donors to view and download receipts for their donations.

The "View Donation Receipt" feature provides donors with access to their donation receipts. This feature ensures that donors can easily obtain proof of their contributions for record-keeping or tax purposes.

* **Trigger to update Profile**

The purpose of this section is to define the requirements and functionalities related to the "Trigger to Update Profile" feature within the Donation Management System. This feature allows users to update their profile information when certain conditions or triggers are met.

The "Trigger to Update Profile" feature ensures that user profile information remains accurate and up-to-date by prompting users to update their profiles under specific conditions. This can help maintain data integrity and improve communication between the system and its users.

The system shall provide a user-friendly form for profile updates.

* **Trigger to Change password**

The "Trigger to Change Password" feature ensures that user passwords remain secure by prompting users to change their passwords under specific conditions. This can help maintain account security and protect against unauthorized access.

The purpose of this section is to define the requirements and functionalities related to the "Trigger to Change Password" feature within the Donation Management System. This feature allows Organization to change their passwords when certain conditions or triggers are met to ensure the security of their accounts.

The system shall provide a secure form for changing passwords.

* **Trigger to Logout**

The purpose of this section is to define the requirements and functionalities related to the "Trigger to Logout" feature within the Donation Management System. This feature ensures that users are securely logged out under certain conditions to maintain account security.

The "Trigger to Logout" feature is designed to enhance security by automatically logging out users under specific conditions. This helps to protect user accounts from unauthorized access and ensures that session data is not compromised.

The system log out users after a password change is successfully completed and users to manually log out at any time through a logout button in the user interface. after successful logout the user will be Redirected to the organization's Login page

### Individual Entity Dashboard

* The Individual entity dashboard page provide some of the items describes as below:

1. Home
2. Trigger to **make new donation**
3. Trigger to **View Donation history**
4. Trigger to **View causes**
5. Trigger to **View Donation receipt**
6. Trigger to **Update profile**
7. Trigger to **Change password**
8. Trigger to l**ogout**

* **View Donation history**

The purpose of this section is to define the requirements and functionalities for viewing donation history in the Donation Management System. This feature enables users to access and review past donation transactions for transparency and record-keeping purposes.

The View Donation History functionality allows users to see a detailed record of their donation activities, including dates, amounts, recipients, and any related notes.

**Donors**: Can view their own donation history.

**Administrators**: Can view donation histories of all users for monitoring and reporting purposes.

* **View Causes**

The purpose of this section is to define the requirements and functionalities related to the "View Causes" feature within the Donation Management System. This feature allows users to view causes published by administrators that require donations.

The "View Causes" feature enables users to browse through various causes that need donations. These causes are published and managed by administrators and provide detailed information to help users decide where to donate.

* **View Donation Receipt**

The purpose of this section is to define the requirements and functionalities related to the "View Donation Receipt" feature within the Donation Management System. This feature allows donors to view and download receipts for their donations.

The "View Donation Receipt" feature provides donors with access to their donation receipts. This feature ensures that donors can easily obtain proof of their contributions for record-keeping or tax purposes.

* **Trigger to update Profile**

The purpose of this section is to define the requirements and functionalities related to the "Trigger to Update Profile" feature within the Donation Management System. This feature allows users to update their profile information when certain conditions or triggers are met.

The "Trigger to Update Profile" feature ensures that user profile information remains accurate and up-to-date by prompting users to update their profiles under specific conditions. This can help maintain data integrity and improve communication between the system and its users.

The system shall provide a user-friendly form for profile updates.

* **Trigger to Change password**

The "Trigger to Change Password" feature ensures that user passwords remain secure by prompting users to change their passwords under specific conditions. This can help maintain account security and protect against unauthorized access.

The purpose of this section is to define the requirements and functionalities related to the "Trigger to Change Password" feature within the Donation Management System. This feature allows users to change their passwords when certain conditions or triggers are met to ensure the security of their accounts.

The system shall provide a secure form for changing passwords.

* **Trigger to Logout**

The purpose of this section is to define the requirements and functionalities related to the "Trigger to Logout" feature within the Donation Management System. This feature ensures that users are securely logged out under certain conditions to maintain account security.

The "Trigger to Logout" feature is designed to enhance security by automatically logging out users under specific conditions. This helps to protect user accounts from unauthorized access and ensures that session data is not compromised.

The system log out users after a password change is successfully completed and users to manually log out at any time through a logout button in the user interface. after successful logout the user will be Redirected to the Individual entity Login page

#### AdminModule

#### 2.4.1 Account Creation Process

* Donation System compels to create the account before using it. So, Donation System should provide the function which makes Seekercreates new account.
* WhenSeekercreates new account, the function demands five information described as below.

1.Login information

2.Contact Details

3.SecurityQuestionInformation

4.Payment information.

5.Seeker Authentication.

* The Login information

The Login information consists of some items described as below.

6.UserID

7.Password

8.Seeker Name

9.E-mail address

10.User Type

* + All items are compulsory demanded.
  + UserID
* The UserID should be unique. If the UserIDcorrespond with not case-sensitive to other which is previously registered, the UserID should not be registered as an account.
  + Password
* The Password has constrains which makes the Password consists of more thanor equal 8 and less than or equal 16 characteristics includingcharacters described as below.

1.Numericfigure (at least one)

2.Capitalalphabet (A-Z)(at least one)

3.Smallalphabet (a-z)(at least one)

4.Specialcharacter (#, $, %, &, etc.) (at least one)

* The Password is masked bydummy characters.The re-entering Password is demanded.
* The Passwordmust be encrypted in Donation System.
  + User Type

The User Type falls into three categories described as below.

1.Seeker

2.Donner

3.Administrator

* The User Type defines also three types of user;"Seeker user","Donner user", and "Administrator user”.
* No one could select The Administrator, because Administrator is implemented to Donation System in advance.
* Contact Details
* The Contact Detail consists of some items described as below.

1.Permanent Address

2.Contact Phone No

3.E-mail Address

* + All items are compulsory demanded.
  + Permanent Address
* Permanent Address should befilled
* The Security Question information

The Security Question information is needed when Seekerlost their Password. This information consists of two items described as below.

1. Selected Question
2. Answer
   * All items are compulsory demanded.
   * Some questions which are difficult to answer for anyone else are prepared in advance.

E.g. which color do you like most?

* + A question should be selected from options by theSeeker, and the Answer is registered by theSeeker.
* Login information should be entered on one screen, and thenSeeker information and Security Question information should be entered on another screen.

### 2.4.2 Login Process

* Donation Systemalways compels Seeker authenticationbefore using itself except when a new account is successfully created.
* The user authenticationdemands UserID and Password. The UserID and the Password should be checked in three ways.
  + First, The UserID and the Password should be existed and correct.
* If The UserID and the Password are not equal to what theuser hasregistered, the user authentication cannot be provided.
  + Second, the User Type linked to the UserID should be "user".
* When the User Type is "Seeker", user can be placed on “Seeker Home”.
  + Finally, UserIDshould be available.
* The Administrator can decide whether the UserID is available or suspended – Refer to the SRS of the Admin part.
* If user is rejected, user authentication is not provided for Seeker.
* The “Admin” provides the some items described as below.

1. A trigger to logout
2. A trigger to updateAccount
3. A trigger to Forget Password
4. A trigger to Change Password
5. A trigger to add NGO.
6. A trigger to add Seeker.
7. A trigger to View donation.
8. A trigger for Content Management.
9. A trigger to Create Categories.

### 2.4.3 Forgot Password Process

* When Seekerlost their Password, the recovery method should be provided by Donation system.

Therecovery method is described as below.

* + First, Seekerenters theirUserID for Donation System.
  + Next, Donation System demands the Answer which has been registered since when the Account was created.
  + Only when the Answer is correct, Seekerget the new password by E-mail which also has been registered since when the Account was created.
  + The new password is automatically generated by Donation System.
* Of course, the new password should consist of more thanor equal 8 and less than or equal 16 characteristics includingat least a numeric figure, a capital alphabet, a small alphabet, and a special character.
* As a consequence, The Seeker could get the user authentication using the new password.
  + Then, the Seekerhad better change the new password manually.
* If the Answer is not correct,otherwise, the correct Answer is demanded for Seeker again.
  + In that case, Of course, Seekercouldn’t get the new password.

### 2.4.5 Change Password Process

* When Seekerwants to change their Password, the measure should be provided by Donation System.
* Therefore, Donation System should provide the function which is available after getting the Seekerauthentication.
* The function demands the current password and the new password.
  + Of course, the new password should consist of more thanor equal 8 and less than or equal 16 characteristics includingat least a numeric figure, a capital alphabet, a small alphabet, and a special character.
  + The current password and the new password are masked by usingdummy characters.
  + The new password is demanded to enter twice to avoid a typing error.
* Only when the current password is correct, Seekercould change their Password.
* Whenthe current password is changed into new password, Donation System compelsSeekerauthentication again.

### 2.4.6 Update Account Process

* Donation System should provide the function which makes the account updated for Seeker.
* The informationSeekercould update isdescribed below.

1. Login information

2. Userinformation

3. Security QuestionInformation

* The Login information

The updatable items as described below.

1. Orphanage Name
2. E-mail address
   * All items are compulsory demanded, but updating is optional.

* The User information

The updatable items as described below.

1. User Name
2. User Phone No
3. E-mail address
4. Permanent address
   * All items are compulsory demanded, but updating is optional.

* The Security Question information

The updatable items as described below.

1. Selected Question
2. Answer
   * All items are compulsory demanded, but updating is optional.

The Admin module will provide functionalities to:

* Manage NGOs
* Manage seekers
* View donations
* Create and manage news
* Manage categories.

**2.4.7 View Donations**

* This functionality enables the admin to access and view a comprehensive list of all donations recorded in the system. Upon accessing this feature, the system retrieves all donation records from the database and displays them.

1. Filter Donation
2. Search Donation.
3. Donation Details.

### 2.4.7.1 Filter Donations

This functionality allows the admin to apply specific filters to narrow down the list of donations based on certain criteria such as date range, donation amount, status, donor name, and NGO/Seeker name. This helps in quickly finding relevant donation records.

### 2.4.7.2 Search Donations

This functionality allows the admin to search for specific donations using keywords. The search functionality is intended to provide a quick way to locate specific donations.

### 2.4.7.3 Donation Details

This functionality allows the admin to view detailed information about a specific donation. By selecting a donation from the list, the admin can access a detailed view that includes comprehensive information about the donation.

**2.4.8 Add seeker**

This functionality allows the admin to initiate the process of adding a new seeker to the system.The "Add Seeker" functionality is designed to empower the admin to input and manage information about seekers who are in need of donations. By enabling the admin to enter detailed information about each seeker, validate the information for correctness, and save it securely in the system, this functionality ensures that all necessary data about seekers is accurately recorded and maintained.

### 2.4.8.1 Seeker Information

* + **Seeker Name**
  + **Contact Information**:
    - Email
    - Phone Number
  + **Address**:
    - Street
    - City
    - State
    - Zip Code
  + **Type of Seeker**:

**2.4.9 Add NGO**

This functionality enables the admin to add new NGOs to the Donation System. This feature allows the admin to input detailed information about each NGO, ensuring that the system has accurate and comprehensive data on all participating NGOs.

The admin must provide the following details to add a new NGO:

**2.4.9.1 NGO Name:**

* The name of the NGO.

**2.4.9.2 Address:**

* Street
* City
* State
* Zip Code

**2.4.9.3 Contact Information:**

* Contact Person Name
* Contact Phone Number
* Contact Email Address

**2.4.9.4 Description:**

A brief description of the NGO, including its mission, vision, and the types of activities it undertakes.

* + 1. **Add Categories**
* Types of categories seeker required can categorized as fallows:-

1.Food

* Food can be recived in packed, grains,

2.Cloths

* Cloths may except of any size and for any generations

3.Money

* Money can be except in terms of check,NEFT,etc

4.Medicine

* Medicines may contains variety, where they can halt,prevent,or cure illnesses.

4.Toys

* Toys can be expected which are used but not broken one.

5.Books

* Books of all varieties can be received.
  + 1. **Content Management**
  + Manage content on the website, including announcements, guidelines, and informational pages.
  + Update and maintain FAQ and help sections.

**2.5 Use Case Diagrams:-**

**NGO**

1. In NGO use case diagram NGO is the Actor
2. NGO can handle following cases
   * + - * Register
         * Login
         * View Donation
         * Receive Donation
         * Publish request for donation
         * Allocate Donation
         * Donor Acknowledgement

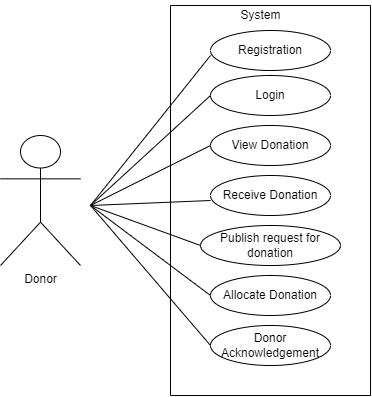


Fig 1. NGO Module

**Seeker:**

1. In seeker use case diagram seeker is the Actor**.**
2. seeker can handle following use cases:

* Registration
* Login
* Create Cause
* Update Cause
* View Donation
* View History

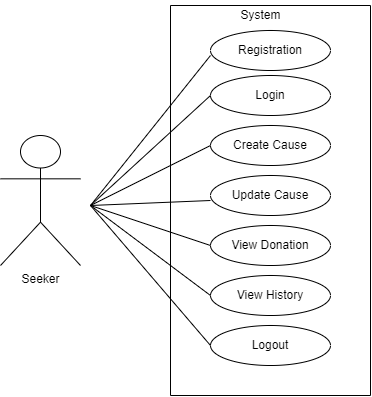


Fig 2.Seeker Module

**Donor:**

1. In donor use case diagram there two Entity**.**
2. Donor can handle following use cases:

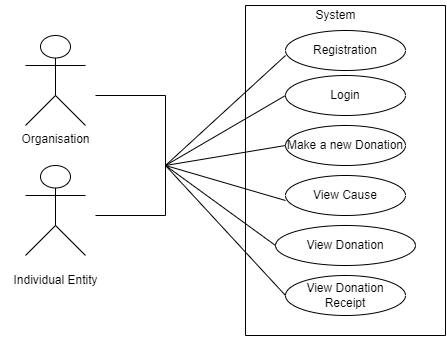
* Registration
* Login
* Make new Donation
* View Cause
* View Donation
* View Donation Receipt  
    
  

Fig 3.Donor Module

**Admin:**

1. In Admin use case diagram Admin is Actor**.**
2. Admin can handle following use cases:

* Registration
* Login
* Add Categories
* Add Seeker
* Add NGO
* Content Management

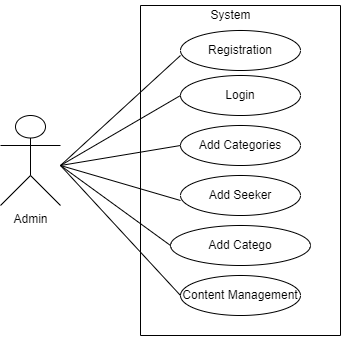


Fig 4.Admin Module