

# Low-Level Design (LLD) Document for NGO Web Application

## ADMIN SECTION

### 1. Dashboard

- **Total Contribution & Expense**
  - **Functionality:**
    - Display a line chart showing the user's total contributions and expenses over time.
    - Visualization:
      - Confirmation message indicating the response was sent.
    - Pie Chart:
      - Total Contribution
      - Total approved Expense
      - Total Pending Expense
- **Total Campaign Count:**
  - **Functionality:** Display the total number of campaigns and allow filtering by various timeframes (Total, Month-wise, Week-wise, Today).
    - **Output:**
      - **Bar chart:**
        - Upcoming
        - Ongoing
        - Completed
        - Cancelled
      - Each slice visually represents the proportion of each user type relative to the total.
- **User Statistics**
  - **Functionality:** Display the total number of general users and registered users using a pie chart for visual representation.
  - **Output:**
    - **Pie chart:**
      - General Users: [Count]Ongoing
      - Registered Users: [Count]Cancelled
    - **Pie chart**
      - Number of campaigns

### 2. New Campaign Application

- **Details:**
  - Admin can create new campaigns
  - Admin can create new campaigns for user
  - Output: Tabular representation Campaigns.

### 3. User Management

- **Registered Users List:**

- Parameters:
    - Transaction history
    - Number of campaigns
    - Campaign details
  - Output: Tabular representation of campaign metrics.
- **General User List:**
    - Parameters: Transaction History, Filter campaign category.
    - Output: List of user transactions.

## 5. Request

- **Campaign Verification Documents:**
  - **Functionality:**
    - Admin can review user account.
    - Output: Approval or reject for additional information.
- **Claim Approval Process :**
  - **Functionality:**
    - Admin can review claims submitted by users related to campaign funds Data.
    - Output: Approval or rejection status with reasons for the decision.
- **Cancel Campaigns :**
  - **Functionality:**
    - Admin has the ability to cancel ongoing or future campaigns.
    - Output: Notification sent to users about the cancellation, including details and reasons.

## 6. View and Manage User Inquiries

- **Functionality:**
  - Admin can view a list of all user inquiries and their details.
- **Output:**
  - Confirmation message indicating the response was sent.
  - User receives a notification email with the admin's reply.

# REGISTER USER SECTION

## 1. Registration:

- **Fields:**
  - Name
  - Email
  - Phone Number
  - Address
  - Password
  - Confirm Password
- **Login:**
  - **Fields:**
    - Email
    - Password

## 2. Dashboard

- **Total Contribution & Expense**
  - **Functionality:**
    - Display a line chart showing the user's total contributions and expenses over time.
    - Visualization:
      - Confirmation message indicating the response was sent.
    - Pie Chart:
      - General User's Contribution
      - Registered User Approved expense
      - Registered User Pending expense
- **Total Campaign Count:**
  - **Functionality:** Display a summary of campaigns the user has interacted with, categorized by status.
    - **Bar Chart:**
      - **Categories:**
        - Upcoming
        - Ongoing
        - Completed
        - Cancelled
      - **Y-Axis:** Number of campaigns

## 3. Campaign :

- **Campaign list**
  - **Functionality:**
    - Display a table of campaigns categorized by status (Upcoming, Ongoing, Completed, and Cancelled with remarks).
- **New Campaign Application**
  - **Functionality:**
    - Allow users to submit applications for new campaigns.
      - Campaign Name
      - Campaign Objective
      - Campaign Type
      - Campaign budget
      - Campaign Timeline
      - Campaign Address
- **Campaign Claims, View, Status, and Cancellation**
  - **Functionality:**
    - Allow users to view claims for campaigns and check their statuses, as well as cancel existing campaigns.
    - User can edit Campaign details

### 3. Transaction Summary

- **Transaction List:**
  - Fields:
    - Campaign Title
    - Budget
    - Collected Amount
    - View Transactions for campaign
    - View Bills for campaign

#### CAMPAIGN CATEGORIES (Reference)

- Medical
- Education
- Food
- Natural Disaster
- Others

## LANDING PAGE

### 1. Home

- **Main Actions:**
  - Overview of Available Actions:
    - Campaign list
    - Options to make donations.
    - View option to view complete campaign details and transaction details
- **Feedback Submission:**
  - Fields:
    - Name
    - Phone number
    - Message for inquiries.