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

ADMIN SECTION

1. Dashboard

- o **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.
            - ▪ Line Chart:
                - • X-Axis: Months (e.g., Jan, Feb, Mar)
                - • Y-Axis: Amount (in currency)
- o Total **Campaign** Count:
    - ▪ **Functionality:** Display a summary campaigns the user has interacted with, categorized by status.
        - ▪ **Bar Chart:**
            - • **Four cards:**
                - ▪ Total Campaigns: [Count]
                - ▪ Month-wise Campaigns: [Count]
                - ▪ Week-wise Campaigns: [Count]
                - ▪ Today's Campaigns: [Count]
    - ▪ **Functionality:** Display the total number of campaigns and allow filtering by various timeframes (Total, Month-wise, Week-wise, Today).
        - ▪ **Output:**
            - • **Bar chart:**
                - o Upcoming
                - o Ongoing
                - o Completed
                - o Cancelled
            - • Each slice visually represents the proportion of each user type relative to the total.
- o **User Statistics**
    - ▪ **Functionality:** Display the total number of general users and registered users using a pie chart for visual representation.
    - ▪ **Output:**
        - • **Pie chart:**
            - o General Users: [Count]Ongoing
            - o Registered Users: [Count]Cancelled
        - • Y-Axis: Number of campaigns

2. New Campaign Application

- o Details:
  - Admin can create new campaigns.
  - Output: Tabular representation Campaigns.

3. Registered User Management

- o **Registered Users List:**
  - Parameters:
    - Transaction history
    - Number of campaigns
    - Campaign details
  - Output: Tabular representation of campaign metrics.

4. **General User Management** Details

- o **General User List:**
  - Parameters: Transaction History, Filter campaign category.
  - Output: List of user transactions.

5. Request

- Campaign Verification Documents:
  - o **Functionality:**
    - Admin can upload and review verification documents.
    - Output: Approval or request for additional information.
- **Claim Approval Process :**
  - o **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:
   - o Fields:
     - Name
     - Email
     - Phone Number

- Id-proof (image)
- Address
- Bank statement for Six month(pdf)
- Password

o 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.
      - Line Chart:
        - X-Axis: Months (e.g., Jan, Feb, Mar)
        - Y-Axis: Amount (in currency)

o Total **Campaign** Count:

- **Functionality:** Display a summary campaigns the user has interacted with, categorized by status.
  - **Bar Chart:**
    - **Four cards:**
      - Total Campaigns: [Count]
      - Month-wise Campaigns: [Count]
      - Week-wise Campaigns: [Count]
      - Today's Campaigns: [Count]

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- **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 :**

o **Campaign list**

- Functionality:
  - Display a table of campaigns categorized by status (Upcoming, Ongoing, Completed, and Cancelled).

o **New Campaign Application**

- **Functionality:**
  - Allow users to submit applications for new campaigns.
- **Campaign Claims, Status, and Cancellation**

  - **Functionality:**
    - Allow users to view claims for campaigns and check their statuses, as well as cancel existing campaigns.

3. Transaction Summary

- Transaction List:
  - Fields:
    - Name
    - Amount
    - Time

4. CAMPAIGN CATEGORIES

- Medical
- Education
- Food
- Natural Disaster
- Others

LANDING PAGE

1. Home

- Main Actions:
  - Overview of Available Actions:
    - Links to view campaigns.
    - Options to make donations.

2. Campaigns

- Ongoing Campaigns and completed:
  - List of New Campaigns: Includes details for user engagement.

3. Contact

- Feedback Submission:
  - Fields:
    - Name
    - Phone number
    - Message for inquiries.