Charities Efficiency Management

Project Overview:

A **website of charities** to manage **donations**, **donors**, **volunteers**, and **financial reports** in one place.

We are creating a **website for charities** to manage everything they do:

- Accepting **donations**
- Managing **donors information**
- Keeping track of **volunteers involvement**
- Watching over their **money/expenses**

Project agenda:

Charities now uses **manual work or Excel**, which is hard to manage. This system saves time, keeps data safe, and builds trust with donors.

Right now, many charities use **Excel files** or paper. That can be messy, slow, and hard to manage their databases.

our projects goal:

- Save the time
- Keep things organized
- Build **trust** with donors
- Help them to show **reports** (for tax, planning, and proof of charities)

Main Features of project:

1. Donation & Donor Management

Manage people who give money with transaction history.

It includes:

- **Donor profiles**: Their name, contact, donation history
- **Track donations**: How much they gave, when, how (bank, UPI, etc.)
- **Receipts**: Auto-generate a receipt after donation
- **Communication log**: Track emails, calls, or messages
- **Search donors**: Like find biggest donors or recent donors like vice versa. To stay connected with donors and keep records.

2. Volunteer Management

Manage people who give time/work.

It includes:

- **Volunteer profiles**: Skills, phone number, what they like to help with
- **Assign tasks**: Give them work (like event help, social media influencing)
- **Track hours**: Volunteers can log how many hours they worked
- **Send messages**: Announcements and updates

3. Financial Reports

Show how much money came in and where it went and how it will be utilized without any corruption.

It includes:

- **Income**: How much donations came in (monthly/yearly)
- **Expenses**: Where money was spent (events, salaries, etc.) and how it utilized.
- **Reports**: Auto-generate PDF/Excel files for records
- **Charts**: Visual dashboards to see everything easily and to manage money well, show donors, and help with taxes(TDS).
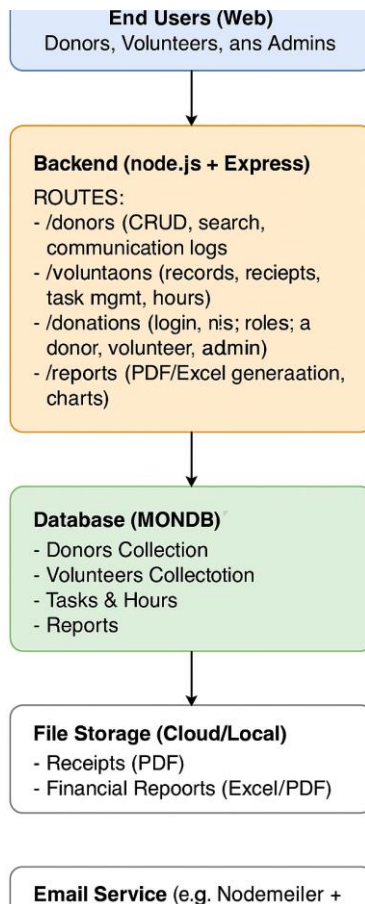
DATA FLOW DIAGRAM(DFD)
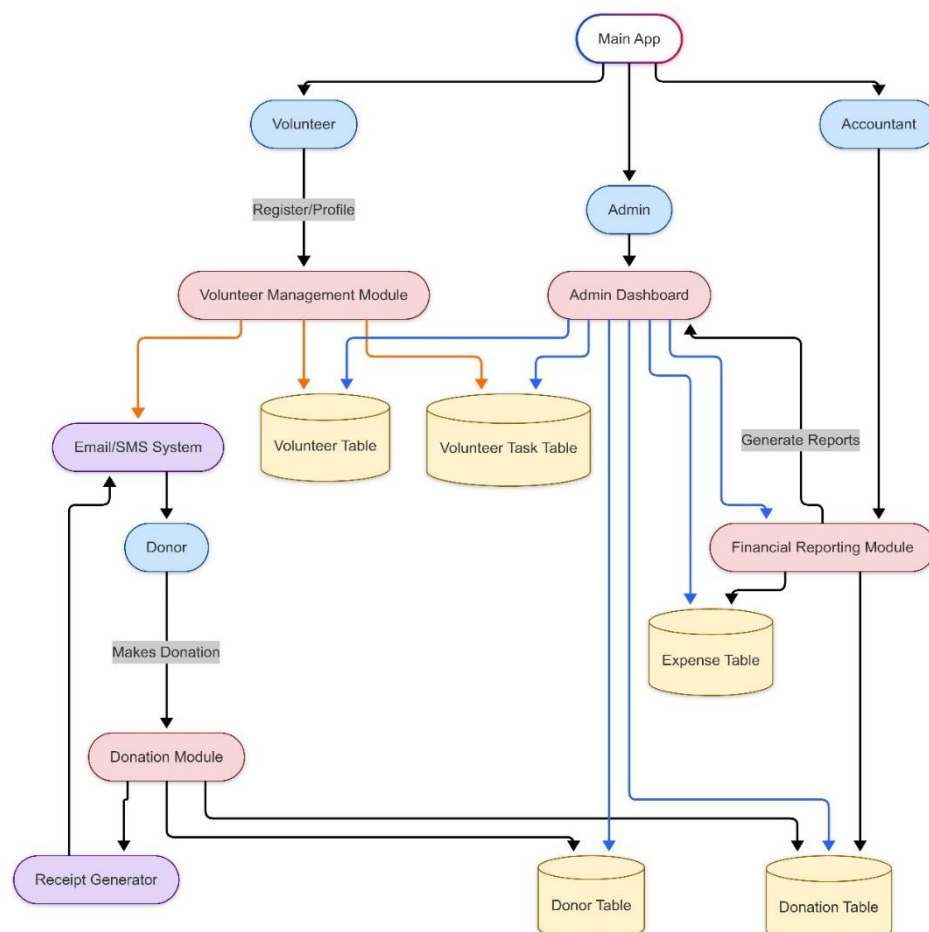
Sequence diagram:
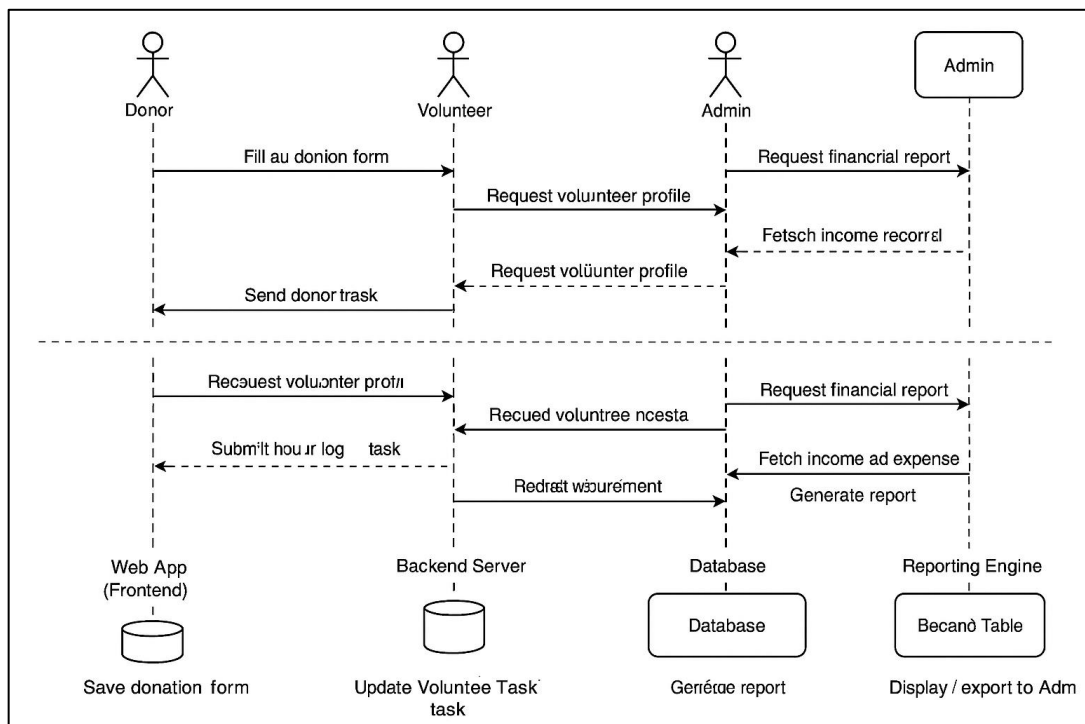
Architecture Diagram:

Test cases:

1. **TP01 - Register New Donor**	**Profile stored successfully**
2. **TP02 - Donate Using Valid Details**	**Donation recorded, receipt sent**
3. **TP03 - View Donor History**	**All past donations listed**
4. **TP04 - Volunteer Registers and Logs In**	**Profile created**
5. **TP05 - Admin Assigns Volunteer Task**	**Task visible on volunteer dashboard**
6. **TP06 - Volunteer Logs Hours**	**Time updated correctly**
7. **TP07 - Generate Monthly Financial Report**	**PDF downloaded with summary**
8. **TP08 - Report with No Data**	**Show 'No data found' message**
9. **TP09 - Unauthorized Report Access**	**Show 'Access Denied'**
10. **TP10 - Email Failure (Receipt)**	**Retry or mark for manual send**

Expected Outcome:

- Smooth registration and donation process.
- Volunteers actively engaged and managed.
- Accurate financial statements with traceable data.
- Transparency and accountability for donors and auditors.