Requirement Analysis: A Donation Website for Supporting Organizations

1. Functional Requirements

User & Organization Management

- Users and organizations can register and log in securely.
- Users have profiles with personal details and donation history.
- Organizations have profiles with certifications, mission statements, and reviews.
- Organisations Profile organise by the information which is getting through registration

Donation Features

- Users can browse organizations by category (health, education, disaster relief, etc.).
- Users can track their donations and view history.

Notifications

- Email and SMS notification for successful donations, profile updates
- Users can rate and review organizations.
- Organizations can respond to feedback.

Review System:

- Users can rate and review organizations.
- Organizations can respond to feedback.
- Survey should be conducted to gather insights on user expeience

2. Non-Functional Requirements

Performance & Usability

- Fast loading (within 3 seconds)
- Mobile-friendly and easy to navigate.
- Users accessibility with minimal technical knowledge

3.Technology Requirements

- **Frontend:** HTML, CSS, JavaScript (Bootstrap/Tailwind).
- **Backend:** Node.js with Express.js.
- **Database:** MySQL.
- **Notifications:** SMTP (email), Twilio (SMS).
- **Version Control:** GitHub/GitLab.
- **Testing:** Jest/Mocha (backend), Selenium (frontend).