

Charity Connect

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ABSTRACT

"CharityConnect" is an innovative and user-friendly mobile app designed to bridge the gap between donors and non-governmental organizations (NGOs), making charitable giving easy, transparent, and impactful. With its comprehensive features and commitment to security, transparency, and user satisfaction, CharityConnect aims to inspire a culture of giving and positive change in communities around the world. Through its user registration, NGO listings, donation options, secure payment processes, and impact tracking, CharityConnect offers a seamless experience for users who want to contribute to causes they are passionate about. It also empowers NGOs to register, gain visibility, and receive support from a growing community of donors. By incorporating features like fundraising campaigns, social engagement, and user reviews, CharityConnect fosters a sense of community and trust among its users, encouraging them to become active participants in the world of philanthropy. With a commitment to continuous improvement, legal compliance, and user support, CharityConnect aims to be a reliable and trustworthy platform that empowers individuals and organizations to make a positive impact on the world. Together, with the support of donors and NGOs, CharityConnect seeks to change lives and communities, one donation at a time.

Keywords : Admin, Donor, NGO, Fund raising, Campaign, Amount.

INTRODUCTION

Charity Connect is a user-friendly mobile application designed to facilitate charitable donations to non governmental organizations (NGOs) with ease and transparency. Our mission is to connect donors with the causes they care about most, making the act of giving a seamless and rewarding experience. Charity Connect strives to make charitable giving a meaningful and impactful experience for users while providing NGOs with a reliable platform to reach donors and drive positive change in communities worldwide. Together, we can change the world one donation at a time.

We are developing a platform from where the common people can donate the particular amount they want which will help the NGOs to work efficiently and will also work as a bridge between NGOs, common people and needy people. And will provide more transparency to the donor that the amount we are donating are in safe hands.

The interface of the CharityConnect app should be intuitive, user-friendly, and visually appealing to enhance the user experience. Here's what the interface should include:

1. Splash Screen:

- CharityConnect logo and name for brand recognition.

2. User Registration/Login:

- Fields for users to register or log in, including options for social media logins for convenience.

3. Dashboard :

- Overview of recent donations, featured NGOs, and ongoing campaigns.
- Quick links to browse NGOs by causes, locations, or specific campaigns.

4. NGO Listings:

- Filter options (causes, locations, ratings) for easy NGO exploration.
- Each NGO listed with their name, brief description, and a 'Donate' button.

5. NGO Profiles :

- Detailed information about each NGO, including their mission, projects, impact, and contact details.
- Donation options (one-time, recurring) and a secure payment gateway.

6. Donation Process:

- Donation amount selection with predefined or custom options.
- Payment methods: credit/debit cards, digital wallets, bank transfers, etc.

7. Donation History:

- A section where users can view their past donations, including details and receipts.

8. User Profile:

- User information, donation history, and settings.
- Options to edit profile details and manage payment methods.

9. Notifications:

- Real-time notifications about successful donations, NGO updates, and upcoming campaigns.

10. Support and Help:

- Access to customer support through chat, email, or helpline.
- Frequently Asked Questions (FAQs) section for common queries.

11. Admin Panel (for administrators):

- Dashboard with an overview of registered NGOs, donations, and user activity.
- Tools for verifying NGOs, managing campaigns, and generating reports.

14. Settings:

- Options to customize app preferences, notifications, and account settings.

15. Logout:

- Clearly visible option for users to log out securely from their accounts.

Project overall Description or working of a Project

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• Modules**1. User Module:**

Registration and Authentication:

- Users can register using email, social media, or phone number.
- Two-factor authentication for enhanced security.

Profile Management:

- Users can create and manage their profiles.
- Profile includes name, contact details, donation history, and payment methods.

2. NGO Module:

Registration and Verification:

- NGOs can register with necessary documentation.
- Admin verification process to ensure legitimacy.

Profile Management:

- NGOs can create and manage profiles with mission statements, projects, and impact stories.
- Option to add videos and images showcasing their work.

3. Donation Module:

One-time and Recurring Donations:

- Users can make one-time donations or set up recurring contributions.

- Option to donate to specific campaigns or general funds.
- Payment Gateway Integration:
 - Secure payment gateway with support for various payment methods (credit/debit cards, digital wallets, bank transfers).
 - Integration with a reliable payment service provider

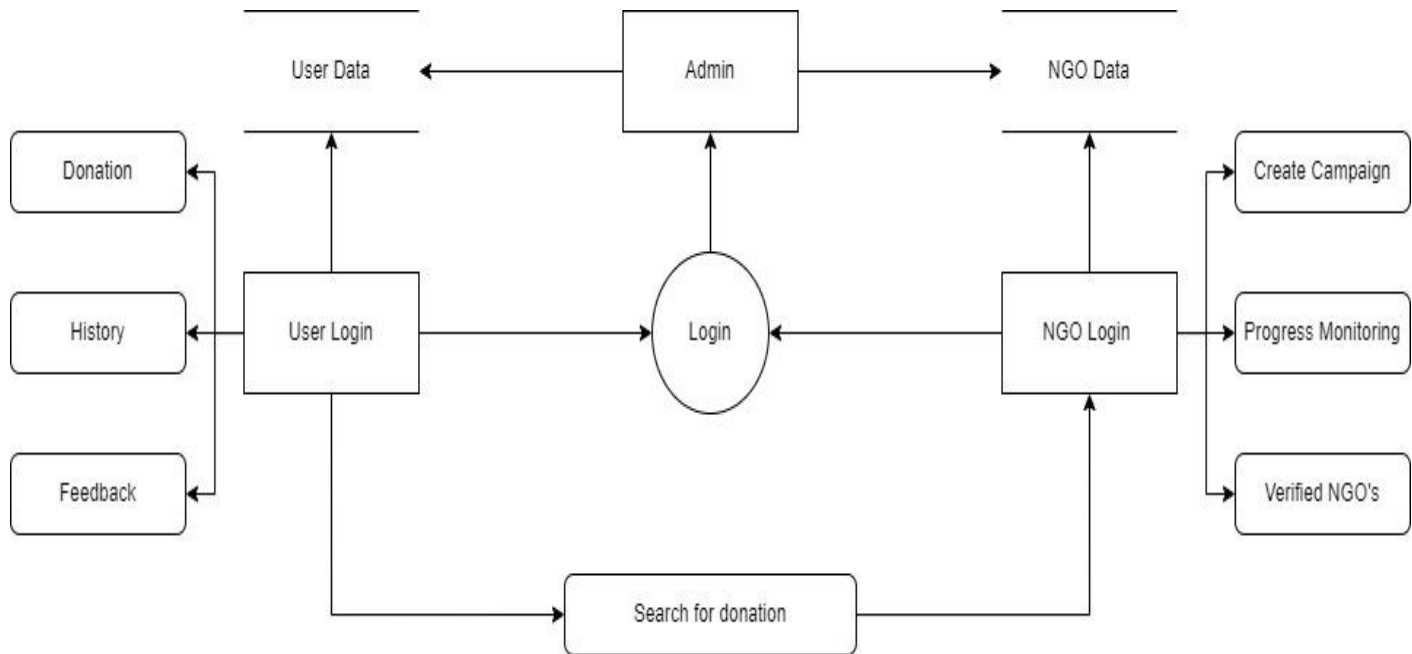
SYSTEM ARCHITECTURE AND METHODOLOGY

The development methodology follows an Agile approach, specifically Scrum, to accommodate the dynamic nature of the project and enable continuous improvement. The project is divided into time-boxed iterations or sprints, typically lasting 2-4 weeks each. Sprint planning sessions define the goals and features to be accomplished, ensuring a clear roadmap for development. Regular daily stand-ups keep the development team aligned, providing an opportunity to discuss progress, challenges, and plans.

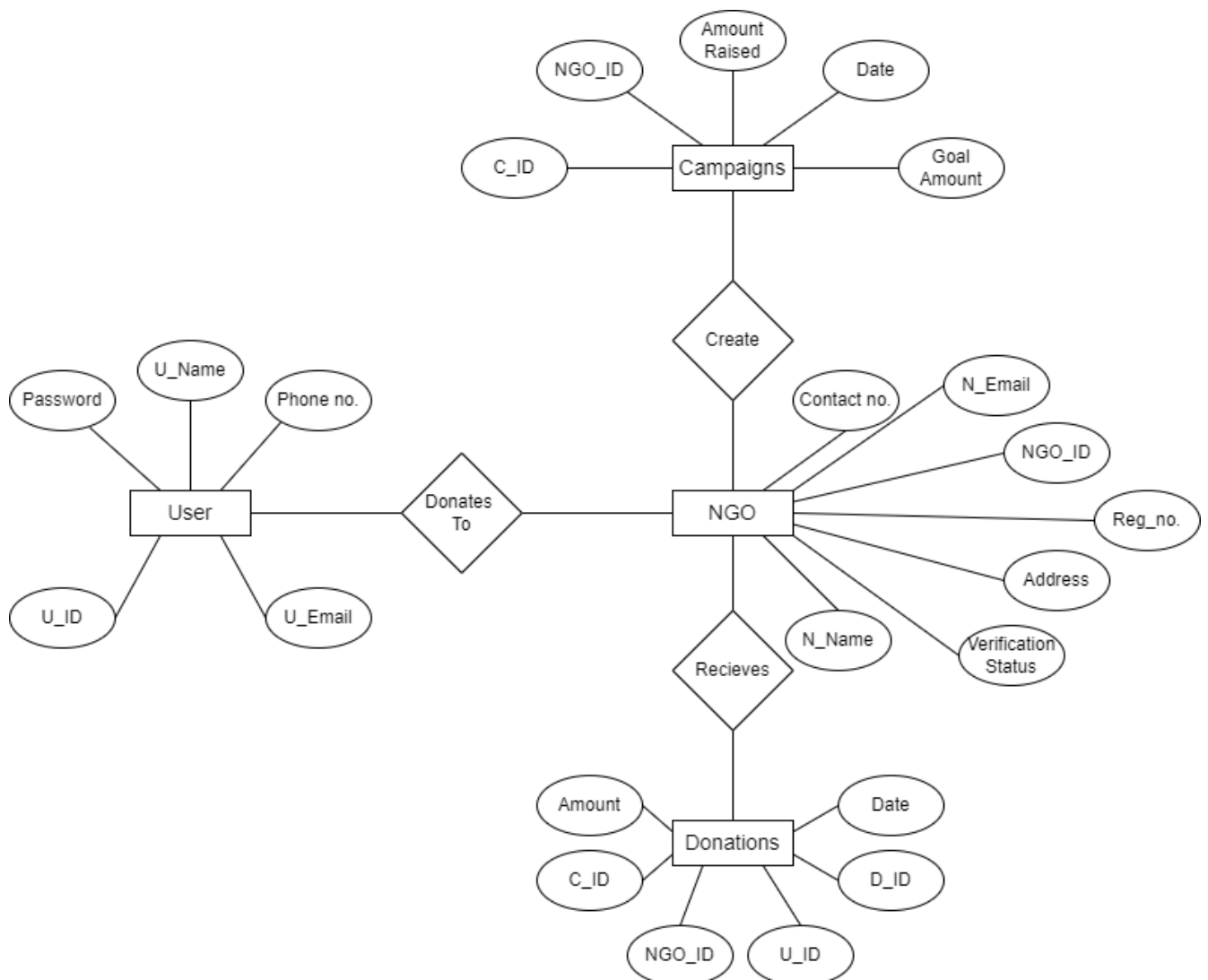
Sprint reviews and retrospectives at the end of each iteration facilitate continuous feedback and reflection. Stakeholders, including donors and NGOs, are involved in sprint reviews, fostering transparency and ensuring that the developed features align with their expectations. The iterative nature of Scrum allows for flexibility, accommodating changes in requirements, and ensures that the evolving needs of both donors and NGOs are considered throughout the development process.

By combining a well-defined system architecture with an Agile development methodology, CharityConnect aims to deliver a reliable, scalable, and user-centric platform that effectively bridges the gap between donors and NGOs, ultimately contributing to the advancement of charitable causes and social impact.

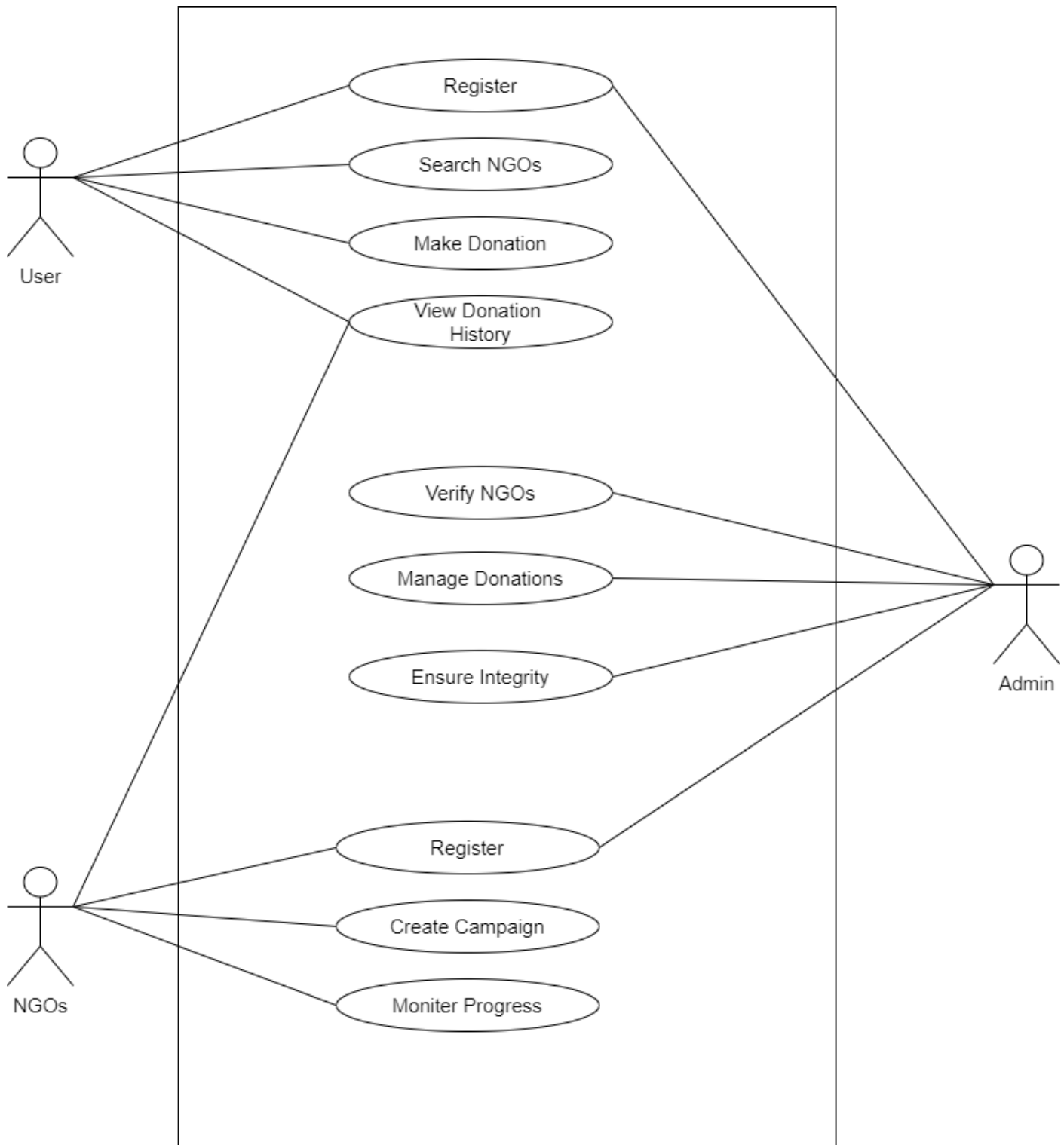
• DFD :



• ER Diagram for Database :



• Use Case Diagram :



CONCLUSION

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