

HELP.COM

Supervisor

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Introduction

- A web-based platform to facilitate donations and promote volunteerism.
- Simplifies the process of contributing to communities through donations of items like clothes and books and signing up for volunteer opportunities.
- Integrates modern web technologies to enhance user experience and community engagement.

MOTIVATION



Our team has been involved in several volunteering initiatives, such as book drives and winter clothing campaigns. These experiences made us realize how scattered and inefficient the current system is. This motivated us to create a platform that can centralize these activities, making it easier for both volunteers and those in need.

PROBLEM STATEMENT

01

► Lack of centralized
platforms for donations, help
requests, and volunteer
activities.

02

► Existing platforms are
fragmented or limited in
scope.

03

Help.com aims to create a one-
stop platform for community
engagement through donations,
requesting help, and promoting
volunteerism



Objectives

1

To create a centralized platform that simplifies community engagement.

2

Provide a seamless process for donations, help requests, and volunteer opportunities.

3

Ensure efficient matching of donations and help requests based on need and urgency.

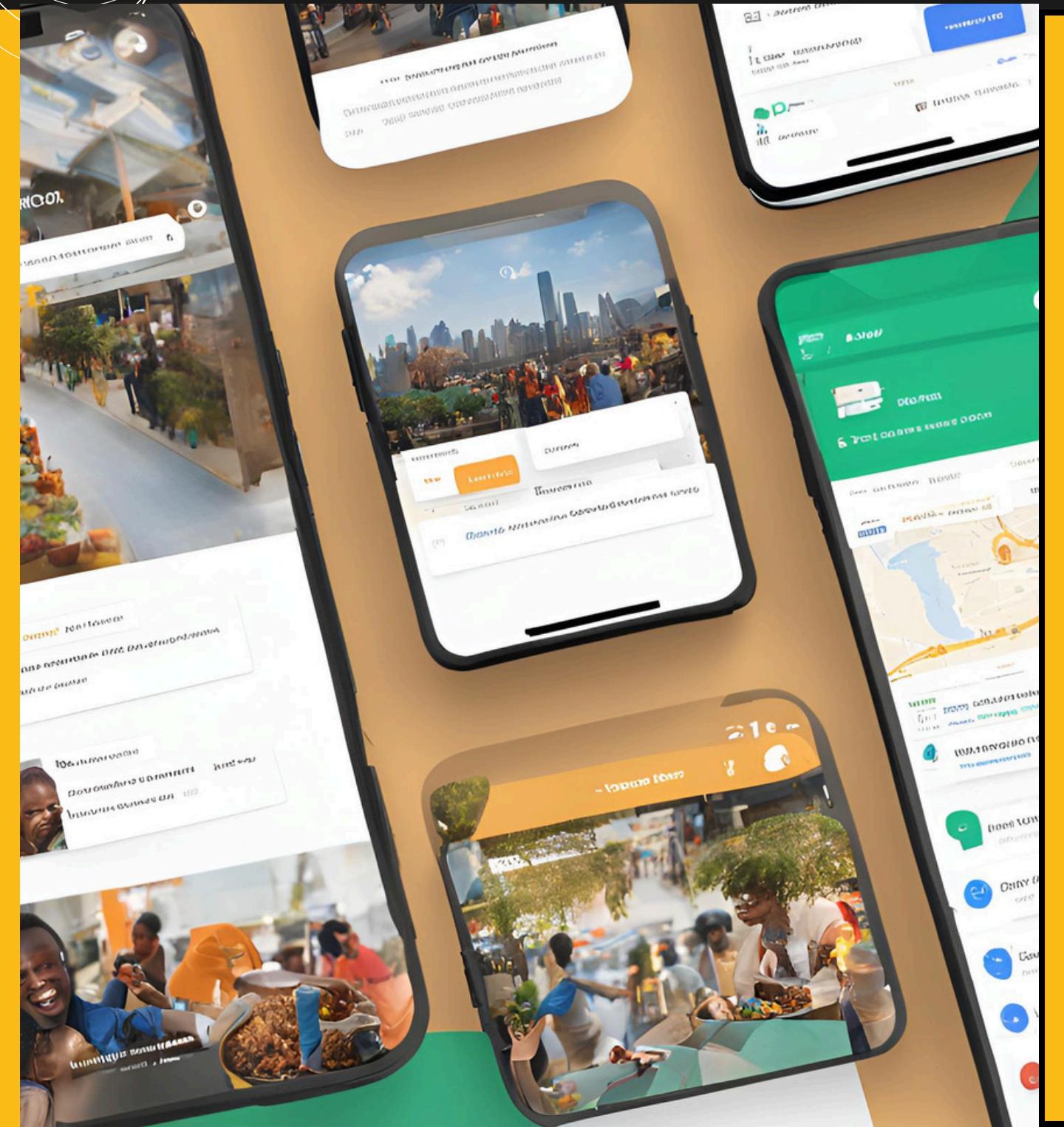
4

Encourage volunteerism through an integrated, user-friendly platform.

5

Leverage modern technologies like Google API, chatbots, and real-time notifications to enhance the user experience.

LITERATURE REVIEW



- Centralized platform for donations and volunteer activities.
- Google API for City Search and a Chatbot to assist users.
- Admin dashboard for managing donations, requests, and volunteer sign-ups.

Literature

- Donation and request matching system based on location, urgency, and need.
- Real-time notifications for updates on contributions and volunteer events.

Literature Review

- Review of platforms like GoFundMe, Charity Navigator, VolunteerMatch.
- Importance of secure management, tailored matching algorithms, and streamlined donation processes.



METHODOLOGY (AGILE)

S1 : Requirements & Initial Design

- Finalize scope, wireframes, and technical architecture.
- Set up version control and project management tools.

S2 : Frontend Prototyping

- User registration and authentication UI (React.js).
- Social media login integration.

S4 : Donation & Volunteer Features

- Donation submission and volunteer sign-up pages.
- Admin dashboard for managing requests.

S3 : Backend Setup & Database Design

- Node.js server setup with MongoDB schemas.
- Implement JWT-based user authentication.

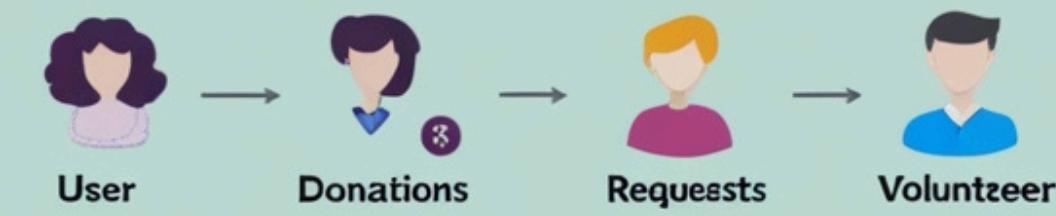
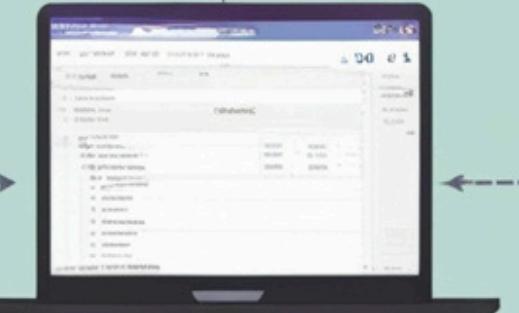
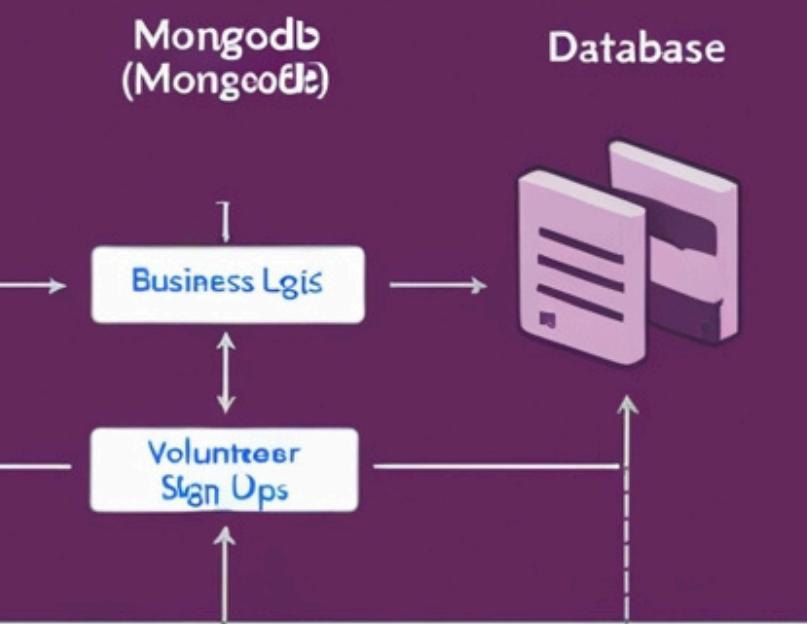
S5 : Testing & Feedback

- Unit and integration testing.
- Beta testing and user feedback.

System Diagram



Frontend



FEATURES

1. User Registration and Profiles

- Users can register as individuals, volunteers, or organizations with detailed profiles.
- Profiles are customizable and include activity tracking.

2. Donation and Fundraising

- Easy Access: Prominent button for donations on the homepage.
- Flexible Payment Options: Users can choose direct bank transfers or online payment methods.
- Clear Instructions: Detailed guidelines for bank transfers provided.
- Automated Receipts: Confirmation emails sent for all transactions.

3. Donation Logistics & Distribution

- Donation Posting & Categorization
- Users post items (e.g., clothes, food) with details like quantity and condition. Organizations can browse and request these items.
- Pickup Scheduling & Drop-off Points
- Donors can drop off items at mapped collection points or request pickups via delivery partners or volunteers. Volunteers schedule nearby pickups.
- Distribution Planning & Matching
- The system matches donations with needs using location and priority algorithms, ensuring faster delivery, e.g., matching nearby blankets to a shelter in need.

TECHNOLOGY

MERN :-

Fronted-end:- React-js

Back-end :- Node.js & Express

DataBase :- MongoDB

Deployment :- HeroKu / Vercel

MSDO

Pirbha
Foundati
on

Our Contributions



UPDATE

THE UMERKOT PLANTATION DRIVE 2024:
SUCCESSFULLY PLANTED 2,350 TREES IN
DIFFERENT AREAS IN THE DISTRICT.



The Primary goal of this initiative is to raise valuable awareness about climate change and the importance of plantation. Our campaign will also encourage people to take responsibility for the plants with regular watering and caring. Furthermore, we're overwhelmed with joy and gratitude as we surpass our initial goal of planting 5000 trees, with a whopping 2350 trees planted so far! We couldn't have achieved this incredible milestone without the support and participation of our amazing community, dedicated volunteers, and generous partners.

Let's keep growing and making a difference together!

A huge THANK YOU to each and every one of you who has contributed to this social cause, helping us make a positive impact on our environment and future generations. Your selfless efforts, enthusiasm, and commitment to sustainability are truly inspiring!



Timeline

Researching about
project

August 20, 2024

Septemeber 01,
2024

Start the
Implementation

March 01, 2024

Start the testing
and Debugging

ANY QUESTIONS ?

Thank you