

MONDAY

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# COMMUNITY CONNECT



An AI powered platform for Skills  
Support & Growth....

*Presented by*  
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# INTRODUCTION

Community Connect is an AI-driven platform that brings people together based on their skills, interests, and mindset to support each other in meaningful ways. It enables mentorship, skill-sharing, content creation, and social impact.

With AI Integration and Natural Language Processing (NLP), it offers smart matching, sentiment analysis, and chat moderation, ensuring safe and effective interactions. From mentoring to blood donation drives, Community Connect fosters a supportive and impactful community for personal and social growth.



Let's explore how  
it works! 

# EXISTING SYSTEM

- Users rely on social media, forums, and professional networks, which lack structured mentorship.
- Learning and mentorship resources are scattered across multiple platforms.
- No AI-driven recommendations—users must search manually.
- Open platforms lack strong moderation, leading to spam and unsafe interactions.
- Limited support for social impact activities like volunteering or donations.

# PROPOSED SYSTEM

- AI-powered smart matching connects users based on skills & interests.
- Centralized hub for mentorship, skill-sharing, and social impact.
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- AI-powered chat moderation ensures a secure and respectful environment.
- Built-in features for blood donation, volunteering, and mental health support.

# MODULES

- 01** User Authentication & Profile Management
- 02** Mentorship, Skill Sharing & Content Creation
- 03** AI-Based Recommendations & Smart Matching
- 04** Social Impact Initiatives
- 05** Security & Moderation

A circular icon containing a network of user profiles connected by lines. In the center is a large yellow shield with a dark blue outline and a dark blue keyhole in the middle.

# 1. User Authentication & Profile Management

- Secure user registration with OTP verification
- Profile setup with skills, interests, and expertise
- Session-based authentication for secure access

An illustration of a group of six diverse individuals sitting around a large wooden conference table. They are using laptops, papers, and other office supplies. The background shows a window with a view of a city skyline at sunset.

# 2. Mentorship, Skill Sharing & Content Creation

- Users can mentor or seek mentorship based on interests
- AI-powered smart matching for best-fit mentorship connections
- Skill-sharing opportunities through events and workshops
- Users can publish articles, research papers, and videos
- AI-driven content recommendations for personalized learning

## **3. AI-Based Recommendations & Smart Matching**

- AI analyzes user preferences, engagement, and interactions
- Machine Learning (ML) algorithms suggest relevant mentors, content, and social initiatives
- Sentiment analysis for better user engagement and well-being



## **4. Social Impact Initiatives**

- Blood Donation Drives – Users can request or volunteer for blood donation
- Community Support – Connecting users for mental health support and guidance
- Volunteering Opportunities – Users can contribute to social and welfare projects





## 5. Security & Moderation

- AI-powered chat moderation to ensure a respectful space.
- Privacy-focused user authentication to protect data
- Community guidelines enforcement for safe interactions

# SYSTEM SPECIFICATIONS

Innovative & Collaborative



- Frontend: HTML, React.js, Tailwind CSS
- Backend: Django, FastAPI
- Database: SQLite
- Minimum OS : Windows 10+, macOS 10.15+
- Software used : VS Code
- Processor and RAM : intel core i5 or equivalent with min 8GB RAM

# CONCLUSION



"In conclusion, Community Connect is more than just a platform—it's a movement toward a more supportive, skill-driven, and socially connected world. By integrating AI, ML, and NLP, we enable meaningful interactions, smart matchmaking for support, and a safe space for skill-sharing, mentoring, and content creation. This initiative empowers individuals to uplift each other, fostering personal growth and a stronger society. Together, we can build a community that thrives on mutual support and positive impact. Thank you!"

# FUTURE SCOPE

- Enhanced AI Matching
- Multilingual NLP Support
- Community Growth Analytics
- Improved Search & Filters
- Enhanced Notification System





**LOGIN**

codeknight000@gmail.com

....

**Sign in**

[Forgot Password](#) [Sign up](#)

**Back**

This is a mobile-style login form. It has a dark blue background with cyan-colored highlights on the input fields and the "Sign in" button. The text "LOGIN" is at the top in white. Below it are two input fields: one for email (containing "codeknight000@gmail.com") and one for password (containing "...."). A cyan "Sign in" button is at the bottom. Below the buttons are links for "Forgot Password" and "Sign up". A "Back" button is at the very bottom.

## Register

**Full Name**  
Enter your full name

**Email Address**  
Enter your email

**Password**  
Enter your password

**Confirm Password**  
Re-enter your password

**Contact Number**  
Enter your contact number

**Age**  
Enter your age

**Location**  
Enter your location

**Blood Group**  
Select your blood group

**Profile Image**  
Choose a file  
No file chosen

**Gender**  
 Male  Female  Other

**Register**

**Back**

This is a registration form with a dark blue background and cyan highlights. It includes fields for full name, email address, password, contact number, age, location, blood group (a dropdown menu), profile image (a file upload field showing "No file chosen"), and gender (radio buttons for Male, Female, and Other). At the bottom are "Register" and "Back" buttons.

# Welcome to Community Connect

[Profile](#)   [Sessions](#)   [Donations](#)   [Chatbot](#)   [Logout](#)

## Hello, codeknight!

Welcome to Community Connect, where we link you to meaningful activities and opportunities to give back to society.



### Skill Sharing

Connect with others to share and exchange skills, fostering personal and professional development within the community.

[Learn More](#)



### Mental Well-being Support

Engage with peers and mentors who can provide support and guidance to help you maintain a healthy mindset.

[Learn More](#)



### Interest-based Networking

Join groups and communities tailored to your interests and passions, and build meaningful connections.

[Learn More](#)



### Volunteer Opportunities

Participate in initiatives and contribute your skills to projects that make a difference in the community.

[Learn More](#)

## Moderator Request List

Review and manage all uploaded requests.



## Welcome to Your Profile

**codeknight**

Email: codeknight000@gmail.com

Age: 18

Contact: 8547056134

Gender: Male

location: thrissur

blood group: A+



[Edit Profile](#)

[Back to Home](#)

[Back](#)

## Community-Connect Chatbot

Ask me anything about community connect...

[Send](#)

8

Active Campaigns

120

Donations Collected

15

Pending Requests

4.9

Community Rating

Volunteer &amp; Campaign Organizer

Volunteer Campaigner

Create Request

## Upcoming Requests

Emergency Blood Drive

Today, 3:00 PM

City Hospital

Blood Donation Camp

Tomorrow, 10:00 AM

Red Cross Organization

## Active Campaigns

City Blood Donation Drive

Organized by: City Hospital

Active

Progress: 80 Donations Collected

80%

View Details

Edit Campaign

## Hospital &amp; Organization Requests

View All Admin Requests

Click the 'Volunteer' button to view and respond to urgent blood donation requests.

Volunteer

## Recent Feedback

City Hospital

3 days ago

"Thank you for organizing the blood drive. It was a huge success!"

15

Active Mentees

30

Support Sessions Completed

4.9

Mentor Rating

## Upcoming Mentoring Sessions

  
  
  

## Active Mentees

Alex Carter  
Struggling with Anxiety

Session Scheduled

Progress: Confidence Building

60%

View Progress

Schedule Session

## Support Resources

Mental Well-being Guides

Curated resources for self-help and mental resilience

View Resources

Personalized Support Plans

Track and guide mentees through personalized steps

Download Template

## Recent Feedback

Users

Moderators

Approve Moderators

Posts

Settings

Logout

Total Users

4

Total Moderators

7

Pending

- Add User
- Moderate Content
- Approve Requests
- Toggle Dark Mode

## Recent Activity

need blood O+ve: for sanjay... please help him poor fellow

Uploaded at: March 23, 2025, 1:18 p.m.

(2 hours ago)

## User Management

View and manage registered users in the system

#	Profile	Name	Email	Contact	Age	Blood Group	Gender	Action
1		Ajmal V M	ajmalmuhammed230@gmail.com	9633727231	23			<button>Delete</button>
2		codeknight	codeknight000@gmail.com	8547056134	18			<button>Delete</button>
3		NoName	gireeshbabitha07@gmail.com	1231231231	36			<button>Delete</button>
4		Ajmal V M	ajmalmuhammed730@gmail.com	7994988230	23			<button>Delete</button>

[← Back to Dashboard](#)

# THANK YOU

COMMUNITY-CONNECT

"Alone, we can do so little; together, we can do so much."

- Helen Keller

