

## CA - Report

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D.O.P.	20/03/2025
D.O.S.	27/03/2025
Sign and Grade	

### TITLE:

CareConnect – Elder Assistance Network

### PROJECT DESCRIPTION

The CareConnect project is a full-stack web application designed to create a digital bridge between elderly individuals and compassionate volunteers. It enables elders to request help for various tasks like grocery pickup, medicine delivery, or tech support, and allows volunteers to view, accept, or decline those requests.

The project was developed using Angular for the frontend, Flask for the backend, and MongoDB Atlas for the database. It includes role-based authentication (Elder/Volunteer), form validation, real-time task dashboards, location-based filtering, and visually enhanced UI using Angular Material.

### TECHNOLOGIES USED

- Frontend: Angular, TypeScript, Angular Material, Tailwind CSS
- Backend: Flask (Python)
- Database: MongoDB (Atlas)
- Dev Tools: VS Code, Postman, Git, MongoDB Compass

### FEATURES IMPLEMENTED

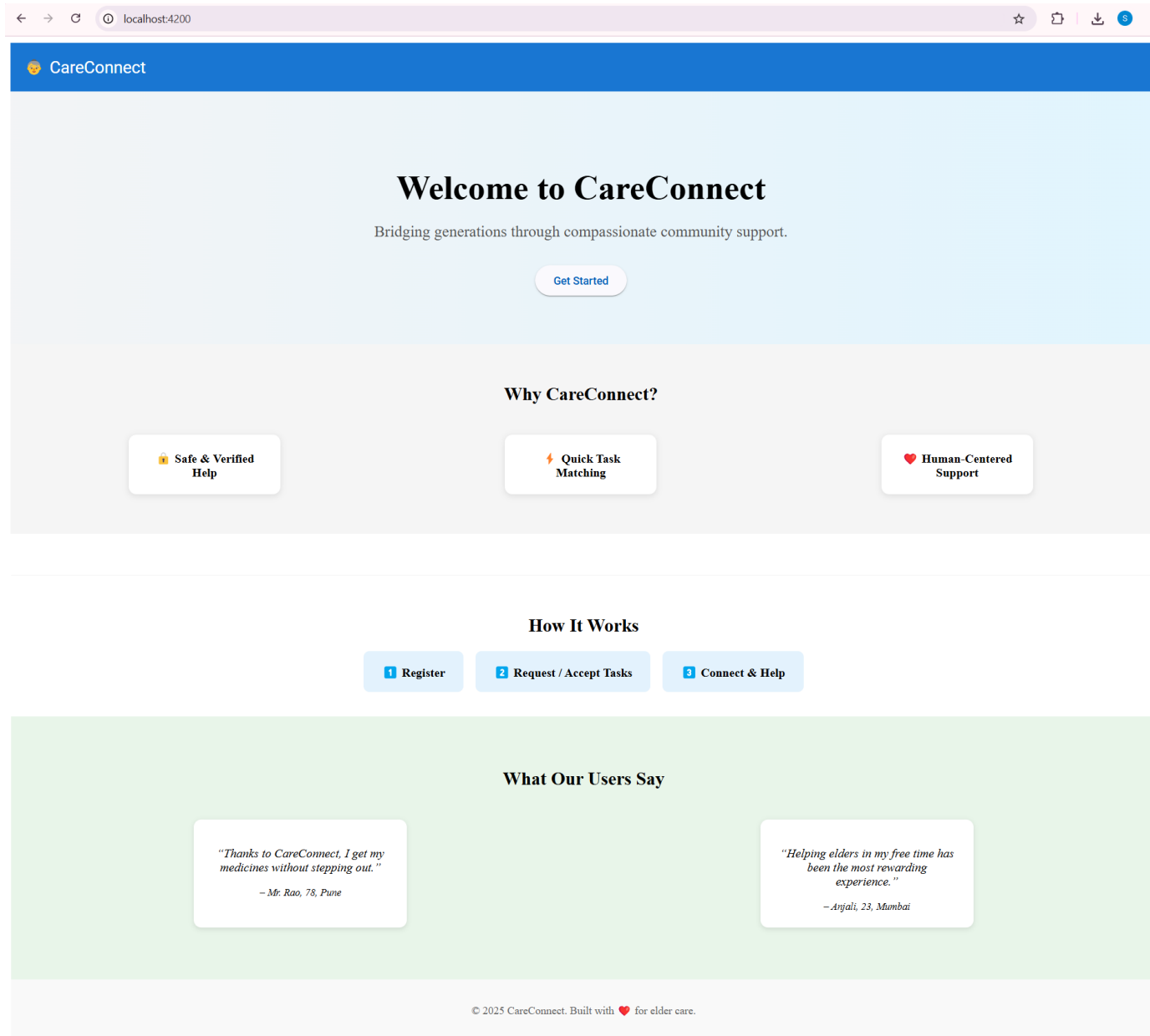
- Login/Signup with role selection (Elder or Volunteer)
- Help Request Form with task type, location, preferred time/date
- Volunteer Dashboard with request filtering, status update (Accept/Decline)
- Location Dropdown + Task Type Filter
- Toast Notifications for confirmation messages
- Responsive UI using Angular Material Data Sync with Flask APIs and MongoDB Atlas
- Modern Home Page with testimonials, benefits, mission banner

**GITHUB LINK** - <https://github.com/snehal-A-patil/CareConnect>

## OUTPUT

### a) Home Page

Includes a hero banner, user role cards, testimonials, and mission statement.



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## Login

Don't have an account? [Sign up here](#)

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## Signup

Elder



Already have an account? [Login](#)

## b) Request Help Page (Elder)

Form to request assistance – task type, city, date/time, additional notes.

The screenshot shows a web browser window with the URL `localhost:4200/request-help`. The page has a blue header with the "CareConnect" logo on the left and "Request Help", "xyz@gmail.com", and "Logout" on the right. The main content area is light blue and contains a white card titled "Request Assistance" with an elderly person icon. Below the title is a message: "Let us know what help you need — our volunteers are here for you ❤️". The form includes several fields: "Your Name\*" (text input), "Type of Assistance\*" (dropdown menu), "Your City\*" (dropdown menu), "Preferred Date\*" (calendar icon), a date input field showing "11/11/2020", "Preferred Time\*" (text input), "Additional Notes" (text area with a small icon), and a "Submit Request" button with an envelope icon.

localhost:4200/request-help

CareConnect

Request Help xyz@gmail.com Logout

### Request Assistance

Let us know what help you need — our volunteers are here for you ❤️

Your Name\*

Type of Assistance\*


Your City\*

Preferred Date\*

11/11/2020

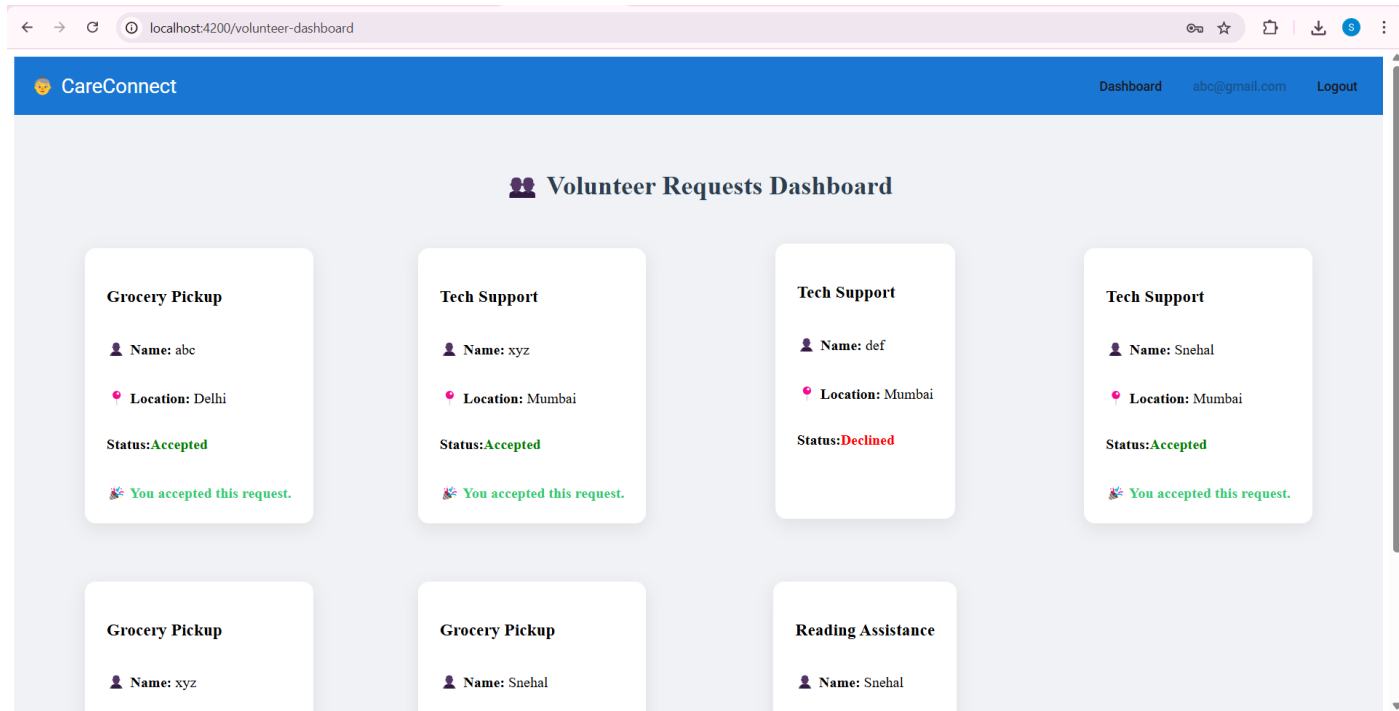
Preferred Time\*

Additional Notes

 Submit Request

### c) Volunteer Dashboard

Live task listing with accept/decline buttons, status tracking, and filters.



### CONCLUSION:

The CareConnect project highlights the practical use of Angular, Flask, and MongoDB to build a meaningful community-centric platform. It emphasizes modern UI/UX, REST API integration, and real-world application flow. With features like real-time task dashboards, role-based access, and toast-driven feedback, the system reflects an efficient and responsive design — making it a strong showcase of full-stack development and social impact.