

HelpMate – Neighbourhood Task Helper

Skills & Technologies

Node.js, Express.js, MySQL, HTML, CSS, JavaScript, REST APIs, Async/Await, CORS

Project Overview

HelpMate is a **full-stack web application** designed to connect people in a local community who need help with everyday tasks with nearby service providers. The platform enables users to register either as **help seekers** or **helpers**, allowing seamless task creation, assignment, and completion.

Problem Statement

Finding trustworthy local help for small household tasks is often difficult, while skilled individuals in the neighbourhood lack a structured platform to offer their services.

HelpMate solves this by creating a **reliable, community-based task assistance system**.

Implementation & Features

The application supports **secure user registration and login**, role-based access, task creation, task acceptance by helpers, and task status tracking. A feedback mechanism is included to build trust and accountability within the community.

The backend is built using **Node.js and Express**, handling RESTful APIs for all CRUD operations. **MySQL** is used for structured data storage, including users, tasks, and services. Asynchronous database operations using **async/await** ensure efficient and scalable performance. **CORS** enables smooth frontend-backend communication.

Real-World Impact

HelpMate provides a practical solution for neighbourhood-level service needs, enabling quick access to trusted local help while creating earning opportunities for service providers. It promotes community collaboration and efficient problem-solving.

Future Scope

Planned enhancements include real-time notifications, payment integration, advanced task-helper matching algorithms, and mobile application support.