

# Integrated Project-II

on

## *HomeEase*

*(Course Code: CS205)*

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# Problem

## Statement

### Challenges in Home Services:

- Difficulty in finding skilled and trustworthy workers.
- Issues with availability, pricing transparency, and service quality.
- Lack of job stability for skilled workers.
- Need for a platform that connects customers with reliable service providers.



## What is HomeEase?



- A digital platform connecting customers with local service providers (electricians, plumbers, carpenters, etc.).
- Ensures transparent pricing, reliable services, and easy booking.
- Empowers workers by providing job opportunities and business growth.

# Key Features



- User Registration & Login: Secure authentication for customers and workers.
- Service Browsing: Users can explore various services available.
- Worker Profiles: Detailed profiles including experience, ratings, and reviews.
- Booking System: Customers can schedule and confirm services.
- Review & Ratings: Builds trust through customer feedback.

## Login

## Register

## Book Plumbing


## Plumbing

We provide expert plumbing services including pipe repairs, leak detection, faucet installations, and drainage solutions.

Starting from ₹299 - ₹2,999

★ 4.7 (1284 reviews)

### Available Workers

safalmistri - (5 yrs exp) - ★ 0

# How it Works

- 1) Users Register/Login
- 2) Browse and Select a Service
- 3) View Worker Profiles & Availability
- 4) Book a Service & Make Payment
- 5) Worker Gets Notified & Confirms
- 6) Service is Completed & Reviewed

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[Book Now](#)



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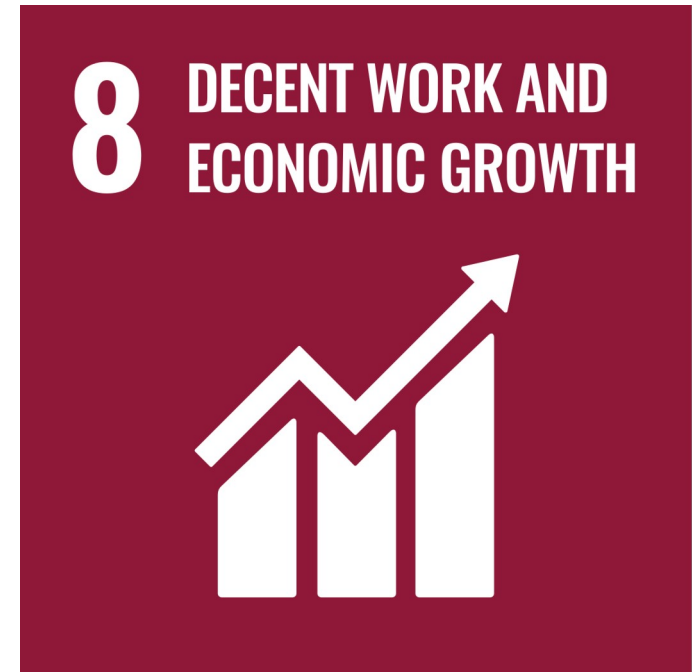
[Login](#)

## **Project Provides:**

- # Stable jobs and financial security.
- # Business growth opportunities.
- # Encourages skill improvement through feedback.
- # Inclusion of marginalized workers and women.

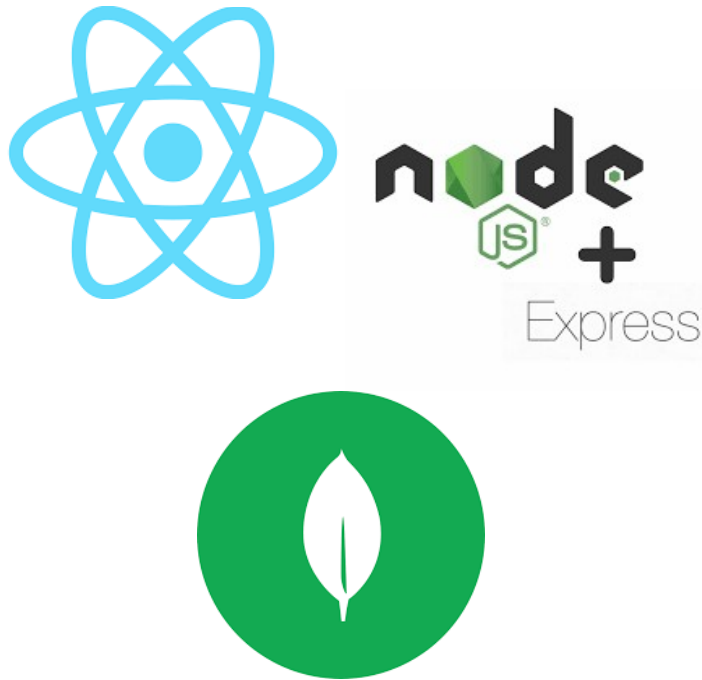
## **Benefits for Economy:**

- # Supports local businesses.
- # Reduces unemployment.
- # Strengthens community-based economic growth.



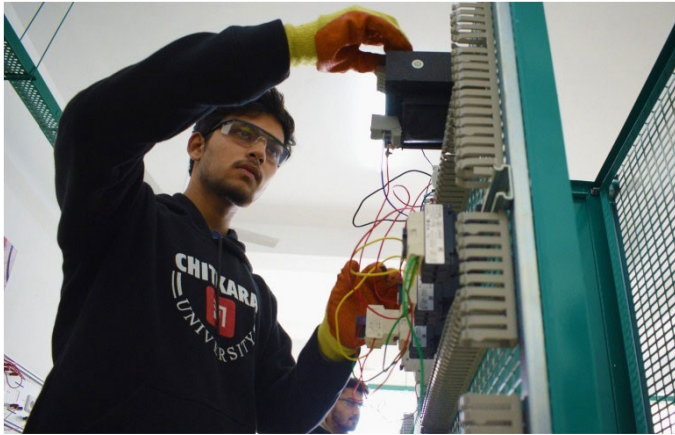
# Tech Stack

 **tailwindcss**



- Frontend: React (TS) + Vite + Tailwind CSS → Fast, scalable UI.
- Backend: Node.js + Express.js + JWT → API handling & authentication.
- Database: MongoDB (NoSQL) → Stores user & service data.
- Security: Uses JWT for authentication, but passwords are stored directly ( will implement bcrypt hashing soon).

# Future Scope



- Expanding to more cities and services by hiring more verified workers .
- Adding AI-based worker recommendations.
- Implementing in-app payment options.
- Introducing verification and training certificates for workers.





# Conclusion



- HomeEase simplifies the home service industry.
- Creates job stability and economic opportunities.
- Ensures convenience, transparency, and trust.
- A scalable and sustainable solution for the future.

# Thank You