

MEDSYNC

DEVELOPING A UNIFIED PATIENT TREATMENT PLATFORM FOR HEALTHCARE ADVANCEMENT

IEEE IC HACK 2.0
TRACK: HEALTHCARE

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Problem Statement

In healthcare's changing landscape, innovation is needed in integrating patient data for a Unified Patient Treatment Platform (UPTP). This hackathon aims to inspire designs that seamlessly integrate with existing patient management software, benefiting patients with complete healthcare history access and aiding healthcare providers in better care delivery.



Project Overview

- A Unified Patient Treatment Platform (UPTP) that securely integrates patient data, prioritizing privacy and enabling efficient healthcare delivery.
- Designing an user-friendly UPTP interface, using HTML, CSS, and JavaScript.
- Patient-centric access, real-time updates, and support for healthcare professionals are required for the intended purpose





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Our Solution



Interactive web page for
login usages



Flask library for simple yet
seamless flow of webpage



Secure MySQL database

THE END USERS?

the end users for the Unified Patient Treatment Platform (UPTP) :

- Healthcare providers - doctors, nurses, specialists, etc.
- Patients
- Healthcare administrators
- Support staff - receptionists, medical assistants, etc
- Caregivers - family members or friends responsible for patient care
- Insurance companies - for claims processing and data access



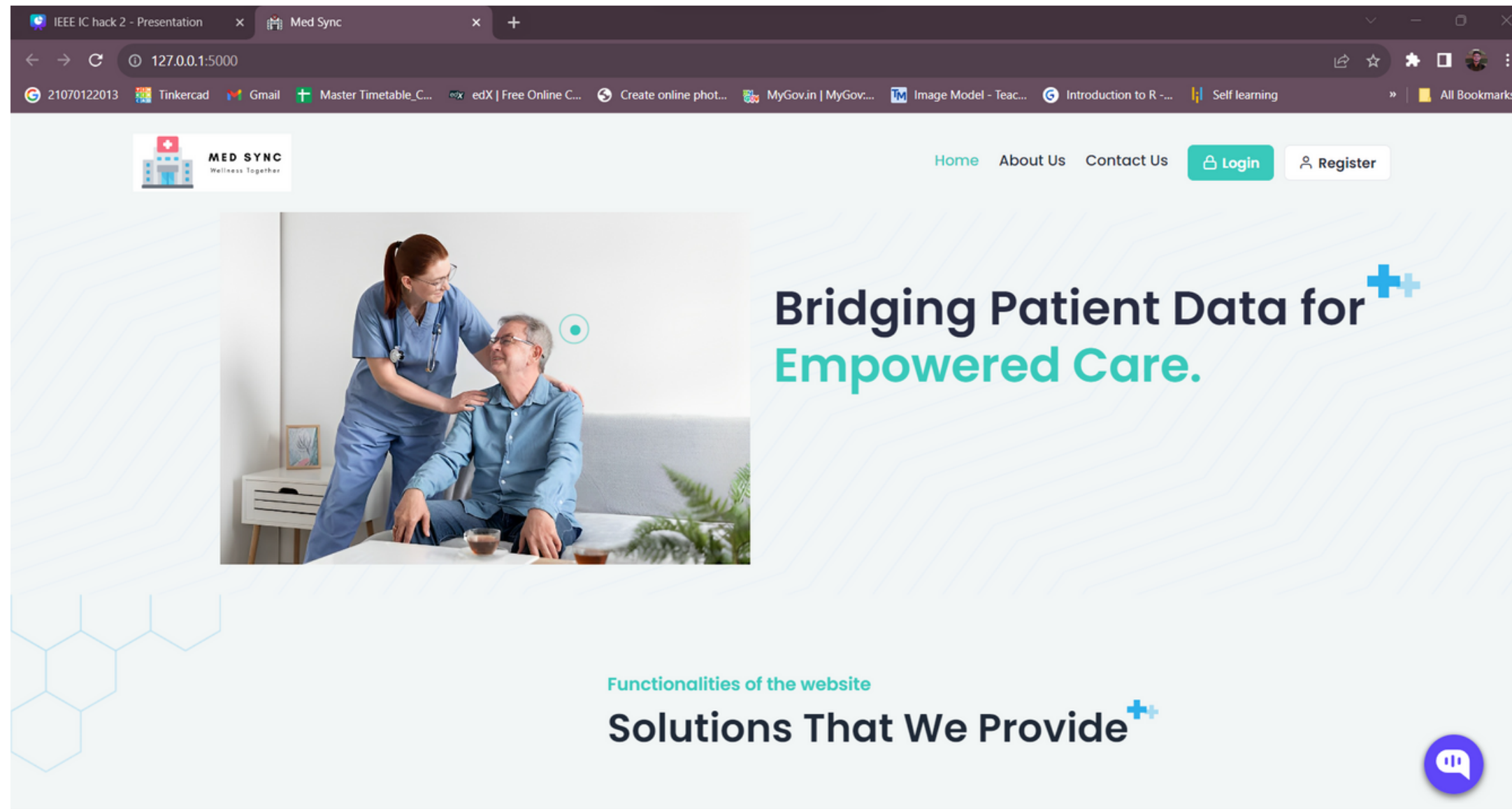
Technologies Used



Results

Currently, we have a website where we can perform all the functions.

The website :





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Future Scope

Future scopes for a Unified Patient Treatment Platform (UPTP) in healthcare:

- Advanced AI Analytics for personalized care.
- Seamless Telemedicine integration.
- Enhanced data interoperability.
- Patient-centric mobile apps.
- Blockchain security for data privacy.
- Real-time IoT health monitoring.
- Global data collaboration for research.

Our Team

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**THANK
YOU**