



DECODING-APOCALYPSE

TeleMedico

Overcoming the distance, delivering excellence to your homes



TeleMedico | CONNECTING DOCTORS MADE EASY

Decoding- Apocalypse

Batch of 2024 |
National Institute of Technology Silchar

- 01 Pratik Majumdar
- 02 Vikas
- 03 Sayahneeta Dutta
- 04 Jay Mehta
- 05 Chetana Saikia



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About our team

- **Vikas has been a finalist in the CSS HACKS 1.0 organised by our own college. He has also designed API based projects in his bucket list.**
- **Pratik has been an extensive part of our team and has developed and deployed the Physics website for our college. He has also received many accolations in Web Development in our college.**
- **Sayahnneeta has been an active participant in the frontend development workshops and competitions in our college. She has covid and other API projects in her bucket list.**
- **Jay Mehta has also been a finalist in CSS HACKS 1.0 with an android development project at his deployment. He is a budding developer with many projects at his hand.**
- **Chetana has been an extensive part in organising many hackathons in college and development projects.**



OUR SELECTED PROBLEM

Instant Chat with Doctors

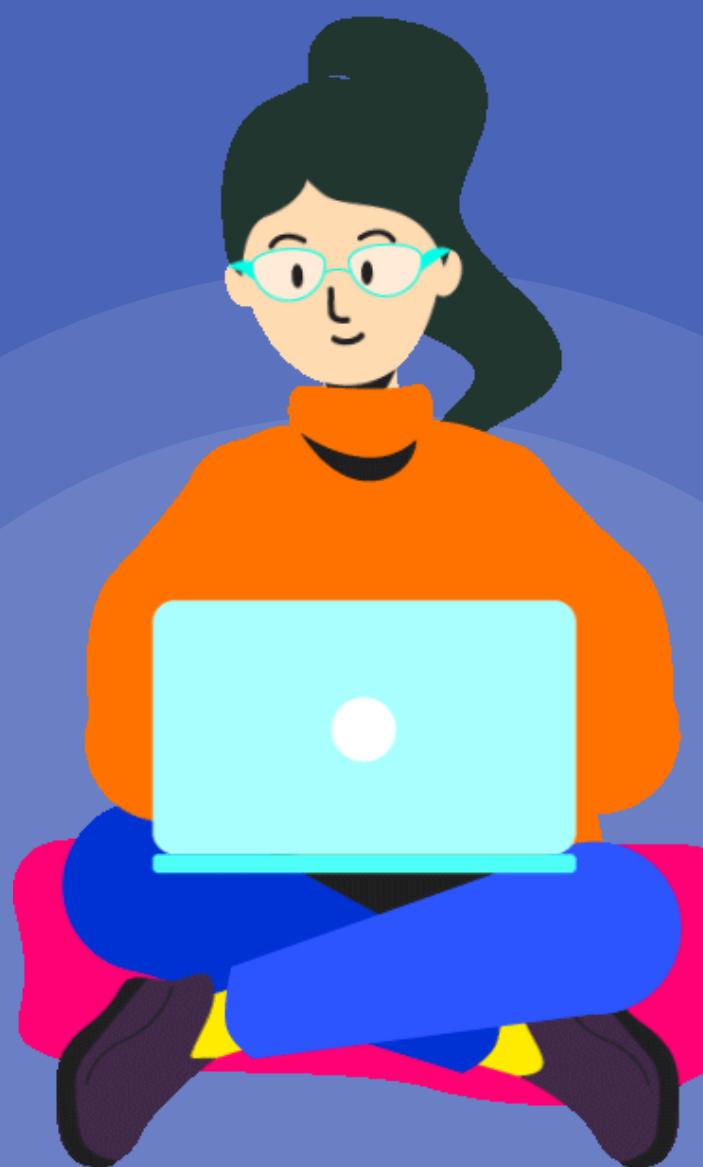
At TeleMedico we ensure the patient and doctor ratio is maintained throughout and the users time is given utmost importance with showcasing Online and Offline icons to the doctors available. There is a safe and secure login and signup options for both users and doctors for hassle free registration. There is an elite and no error registration number verification for doctors by using their actual government prescribed registration numbers. There is an appointment form for patients to register and an option to select from a variety of specialists available and a secure payment facility.

The in-built chat facility ensures one on one interaction between doctors and patients with secure consultations available 24*7. There will also be a rating and feedback mechanism for the users.



Process flow

A multi-step process of the working website



The user at first lands up on the home page. Then the user login/sign-up accordingly as a patient or a doctor. There is also a doctor login option for the doctors to login into the server. If a doctor registers, there will be necessary verification for his registration number details.

Lastly the patient can give feedback and ratings to the doctor as per his/her experience and these ratings will be showcased in the doctors profile.

Here the user can consult doctors according to their speciality required by filling the appointment form and doing the necessary payment

After consultation he/she will get a prescription and then he/she can get guidance for medications from trusted companies as referred by the doctor without any sale or business manipulations in buying medicines.

After this the patient can chat with the doctor by giving descriptions to the issues faced and symptoms for doctor's advice. The user can also send pictures of previous consultation or reports to the doctor.



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Name: Pooja Tiwari

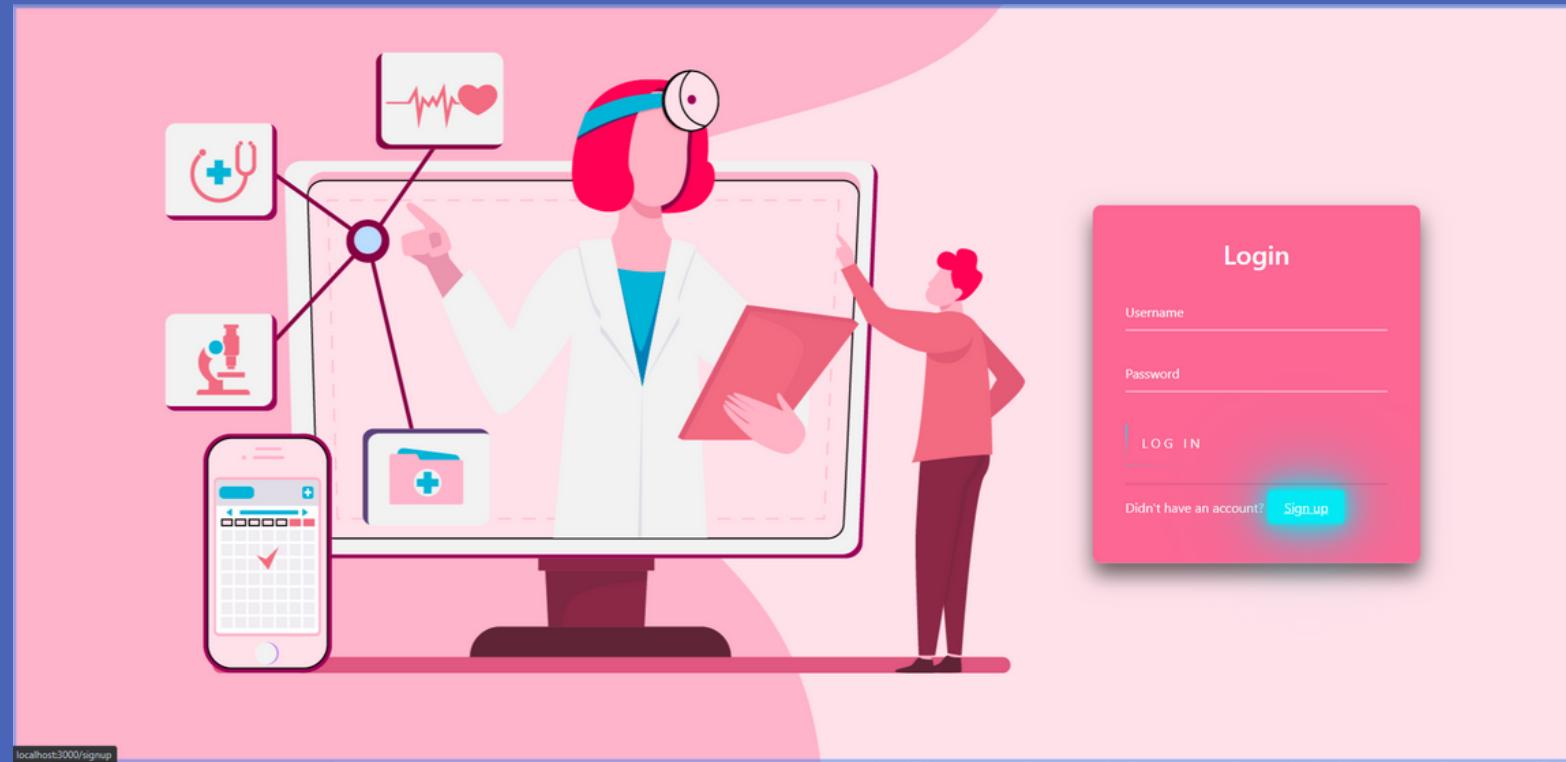
Address: Titbar Town, Jorhat

Age: 7 Sex: F Date: 09/07/20

*Amoxicillin 250mg/5ml susp
2bots
Reconstitute with water to make 60 ml
Sig. Take 1 tablespoon TID for VII*

Consultation No. 12345
Time 12:32
S2 No. _____

Physician's sig



Technical Stack

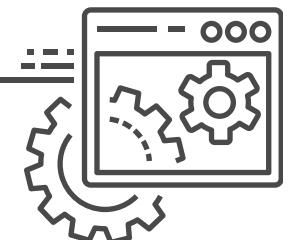
All things considered

Frontend



- HTML
- CSS
- Bootstrap
- JavaScript

Backend



- Node.js
- Express.js
- Templating engine (ejs)

Database



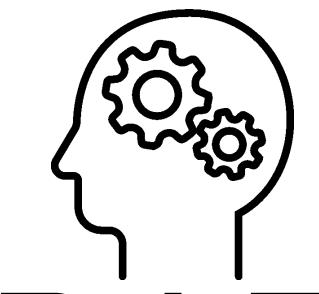
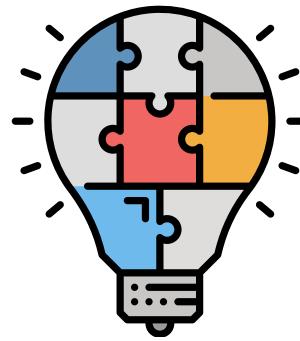
- MongoDB

Cloud Service Provider



- MongoDB





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Login and payment

Safe and secure login options. Actual verification of doctors by their original government prescribed registration numbers. Safe payment options for users.

Online feature

Online and Offline icons for available doctors at that moment. Patients can choose from a variety of doctors according to their specialities and ratings.

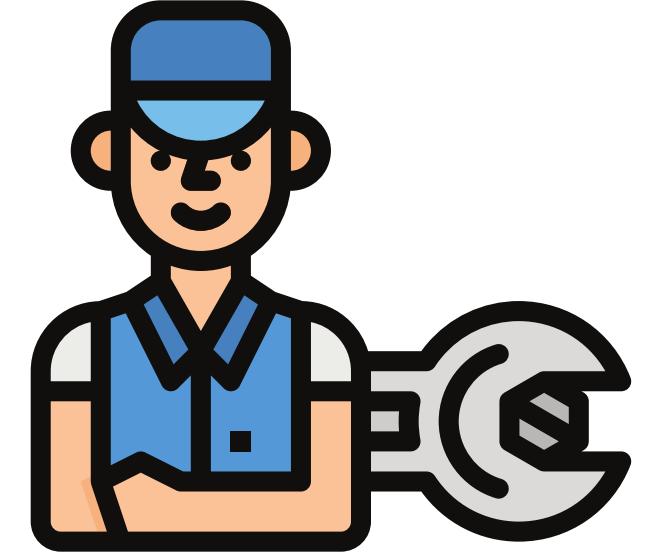
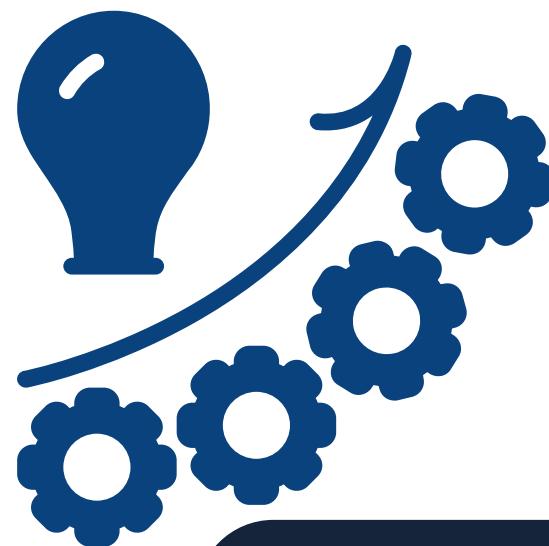
Chat facility

24 x 7 available chat facility with doctors and allowing patients to send images of reports and previous prescriptions.

Prescription and Ratings

Instant prescription template for Doctor's ease. User can send review and ratings





Future possible enhancements

- Video call facility to users
- Image recognition technologies for prescriptions
- Automatic generation of prescriptions along with template
- If a doctor is unavailable a bot shall redirect the patient to the required solutions of his/her issues
- Original and verified payment options.
- Similar TeleMedico app by deploying it in Playstore.

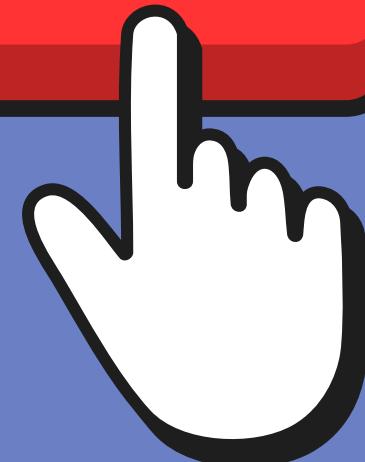


Risks, Challenges or Dependencies

Problems we encountered

- All the doctors of a particular specialty might be unavailable at the same time.
- The doctor can manipulate their registration numbers while logging in.
- There is no option for emergency cases redirecting directly to the emergency unit.

RISK





Things to know about TeleMedico:



- Proper backend login/signup and chat facility.
- With proper animations of UI/UX login and application forms.
- File /image sending option in chat with backend uses.
- Dynamic online and offline icons for doctors by the use of backend.

Our TeleMedico github repo:

<https://github.com/codadept/decoding-apocalypse.git>



Contact us



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Github Repository

<https://github.com/codadept/decoding-apocalypse>

Website

www.telemedico.com





OUR TEAM



Pratik Majumdar



Vikas



Sayahnneeta Dutta



Jay Mehta



Chetana Saikia



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THANK YOU



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