**CS302L & CS211L: SE Term Project**

***Remove the descriptive paragraphs in each section including this line (given in blue) stating what to do before you add this to your repository or turn it in.***

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| Team number | ***UG2-Team4*** |
| Project Title | MediConnect |
| Document | SE Project Concept Document |
| Existing Work | Like some of PharmEasy, NetMeds |
| Differences | It connects all doctors , customers, and ChatBot (for first aid or for first information-AI) on a single application. |
| Technologies | React.js, html, CSS, javascript, Node.js, Express.js, Llama 4(open data AI model), MongoDB, Payment gateway API . |
| Customers | 1. Individuals seeking medical advice, assistance or consultations, medicines. 2. Licensed pharmacists , who can supply medicines to our organization. 3. Doctors , medical experts. |

**Description**

The project is a digital healthcare platform combining three major components

1. Medical chatbot – using Llama AI model, we will create a chatbot
2. Medicinal e-commerce – there will also be this e-commerce platform for medicines
3. Doctor appointment booking system – this will be the major part of this website , making this the wholesome ecosystem of healthcare.

**Profile of Users**

Users of this website

1. Individuals seeking for medical assistance : people can come here and find the medicines required for them, consult top quality doctors with some discount, chat with our chatbot for immediate medical assistance.
2. Pharmacists : pharmacists can collaborate with us, to expand their business. They will get the order (like Zomato or swiggy), then they will deliver the order. They are going to give our customers some discount.
3. Doctors: we are going to collaborate with hospitals and doctors for medical appointment booking. We are going to make deals with them for discounts for our customers.

**Technology Stack**

html, CSS, javascript -> absolute building blocks of a website.

React.js->front-end library. Using because of its popularity.

BootStrap->for interactive UI. No special reason for it preference over tailwind css.

Node.js and Express.js -> for its universality over new web framewoeks.

MongoDB-> mostly due to its large fit for unstructured data , it is preferred over MySQL.

Llama AI model(chat bot)

Some APIs(based on their availability)

Docker, AWS or Azure(probably , going to look at deployement time).