**PROJECT TOPIC: HEALTH CARE SYSTEM**

**Group No.: 248**

**Project Group Members:**

**1.**Harsh Sharma (G-24./2115000445) **2.** Piyush Varshney(B-43/211000710)

**3.** Prakhar Mittal (A-50./2115000732) **4.** Vishnukant shukla (A-71/2115001137)

**Project Supervisor:** Mr. Brajesh Kumar Shukla, Associate Professor

**About the Project:**  To provide each and every individual the basic health facility we have come up with the idea to make a health care system hosted on cloud server where anyone will be able quickly check personal health based on symptoms using a model trained on machine learning algorithm. High accuracy and quick results will greatly benefit all users that too at no cost.

Doctors all over the world will be able to help their patients contact them by using this website. Users will also be able to book an appointment with doctors on this platform by creating an account. They will be allowed to edit their profile and appointments. Users will be provided with reviews and feedback facilities too. The website will also serve as a general awareness tool for most of the diseases.

**Motivation:** Long lines at reception, High Fees of doctor appointment, Lack of awareness and knowledge and spread of diseases due to overcrowding at hospitals. These are certain reasons why we have come up with this idea to make a system to address all these problems and provide an effective and easy solution to users.

**Project Planning:** Health Care System - September 2024 – March 2025.

**Tools required:**

* **Hardware Requirements:**
* Laptop / Desktop
* Processor: i5 or above
* Minimum 4Gb RAM
* Windows Operating System
* 256Gb or more Hard-disk / SSD
* **Software Requirements:**
* VS Code
* Google Colab
* Github
* Python - Machine Learning
* MongoDB Database
* ExpressJS Server
* React Front End
* Nodejs BackEnd
* EJS
* HTML, CSS, Bootstrap
* Javascript
* MS Excell
* Chrome Browser
* Render
* PassPort

**Signature of Project Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**