PRANVEER SINGH INSTITUTE OF TECHNOLOGY

Mini Project Proposal (BCC-351)

Team Id:

Team Details:

S No	Full Name	University Roll No	Branch & Section	Mob No
1	Abhishek Chaurasiya	2301641540004	CS DS II A	9453044981
2	Ashish Kumar Gupta	2301641540057	CS DS II A	8188025510
3	Aman	2301641540029	CS DS II A	6387656 563
4	Ayushi Shukla	2301641540068	CS DS II A	8707780261
5	Aryan Mishra	2301641540053	CS DS II A	8765191052

Project Title: Health - Index

Domain: (Select all relevant Options)

1. Artificial Intelligence/ Machine Learning	2. Computer Vision / Image Processing/ Deep Learning
3. Blockchain	4. Internet of Things
5. Natural Language Processing	6. Big Data / Cloud Computing
7. Software-Web Application	8. Software-Mobile Application
9. Others (Specify if any):	

Problem Statement:

In today's healthcare system, patient records are often scattered across multiple platforms, leading to delays in diagnosis and treatment due to inefficiencies in accessing vital patient health information. This project aims to create a web application that consolidates and manages patient health records in one place, providing easy access to patients and healthcare professionals. This will improve the efficiency of diagnosis, treatment, and ongoing patient care while ensuring that the data remains secure and accessible anytime, anywhere.

Proposed Solution:

The proposed solution is a web application where patients can upload their health records, including diagnostic reports, prescriptions, and medical histories. Healthcare professionals can access these records after obtaining patient consent, improving communication between patients and providers. The application will use cloud storage to ensure data is backed up and available on-demand, while leveraging encryption for data security. Additional features will include reminders for medications and appointments, ensuring patients adhere to treatment plans.

Unique/Distinctive feature of the solution:

1. The app distinguishes itself by focusing on seamless access to health records for both patients and healthcare professionals, with end-to-end encryption ensuring data privacy.

Tools/Technology Uses:

1) Hardware Requirements (Minimum Requirements):

a) Processor:

b) RAM: 1 GB

c) Storage: 100 MB

d) Graphics Card:

e) Others: None

2) Software Requirements (Minimum Requirements):

a) Operating System: platform Independent

b) Development Tools: None

c) Database: Firebase/ MongoDB

d) Web Browser: No Prerequisite

e) Others: None

PRANVEER SINGH INSTITUTE OF TECHNOLOGY

(To be Filled by Faculty/Evaluator)

Proposal Evaluation:

1. Right Identification of the Problem (Appropriate selection of the problem)?
   a) Excellent   b) Good   c) Needs Improvement   d) Unacceptable

2. Relevance of the Solution (Adequately addressing the problem/need)?
   a) Excellent   b) Good   c) Needs Improvement   d) Unacceptable

3. Innovativeness in the Solution (Distinctive innovative components/features of the solution)?
   a) Excellent   b) Good   c) Needs Improvement   d) Unacceptable

4. Uniqueness of the Solution (Intellectual Property Component)?
   a) Excellent   b) Good   c) Needs Improvement   d) Unacceptable

Improvements/ Suggestions by the Evaluator:

1.
2.
3.
4.

Name of Faculty:

Designation:

Signature with Date: