Project Synopsis/Project Concept Document

Project number	46
Project Title	Rigveda Health
Document	DASS Project Concept Document
Creation date	25th Jan 2024
Created By	Ishan Gupta Harsh Gupta Deekshitha Yattapu Sujal Deoda Abhinav Raundhal
Client	Nagaraj Akula

Description

Rigveda Technologies aims to develop a comprehensive healthcare app, offering e-consultation, diagnostics, and medication services. The app emphasizes patient-centricity, providing seamless access to medical records, promoting preventive care, and using cloud-based storage for efficient healthcare management.

Profile of Users

The users: The patient and the Healthcare Centre (clinics, hostpitals)

When a patient gets enrolled, the Samhita Health Card is issued with the profile of the patient. The patient's medical history till that time, as shared by the patient or any service provider till that time, is captured into the database. This helps any patient to access his/her medical records whenever s/he approaches any clinic or hospital in need of healthcare service. The only prerequisite is access to cloud/secured data through necessary connectivity like internet. This also addressed the needs of tracking medical records, adherence to preventive care medical procedures, issuance of alerts or reminders including about allergies and drug interactions etc. Patient centric approach is the essence of the solution.

In the case of an appointment the data of the patient becomes availaible to the hospital/ clinic i.e Whenever a patient accesses healthcare service from any clinic or hospital, the patient's medical history is made available, through seamless access, for the doctor on call to preview, and it helps the doctor to proceed with further examination and investigation so as to a treat the present healthcare need. This is expected to result in reduction of medical costs by avoiding duplication of investigations and medication. (Server features, access features, Safety)

Usage Model and Diagrams (if any)

Desktop Clients

Web Client

Mobile Client

Any other Client

Web API

Database Server

Reporting Tools