PROJECT IDEA

Name of the Project

Wholesome Life

Objective

A complete web and android based health management application(HMA) that helps society for continuity of care, continuity of information to optimize their healthcare and deoptimize their stress. HMA makes the work of healthcare staff much easy, leaving hospital staff with more time for what is required – to show care to patients.

Users of Application

Patients, Health care providers(Doctors, Ambulance service staff, Medicine shop vendors etc.) ,Students Organizations, Volunteers(blood, organ doners

Functional Requirements

Application or website will have
*External interface should be present so that the outside user is able to use the system.
*Undertaking various registration
*Storing user data.
*Legal and regulatory requirements need to be followed
*It should be in a simple language and non ambiguous in nature to make itself user friendly and easy to navigate

*The search will produce accurate results.
*Provide the correct location.
*Authorization to different users (Login with google and its verification)
*Accurate disease prediction.
*The chatbot should produce suggestion for every user and for every query without logging of the user.

Non- Functional Requirements

*Secure access to confidential data (HTTPS along with SSL(secure socket layer is used.))
*Better component design to get better performance at peak time.
*By streamlining and integrating multiple processes, it infuses much speed, agility, and efficiency into the system. It boosts the performance and capabilities of a healthcare facility in treating patients.
*Maintainability(cloud -SaaS is used)
*Reliability(It has a certain capacity to work offline.)
*Talking to the bot should feel like talking to a person (the bot should not reply instantly, 1-2 second delay between responses).

Features

*My chat(User conversation .)
*Location of hospital,108,Medicine vendor along with phone numbers.
*Prediction of disease using ML (give suggestion to undergo checkup with the predicted result.)
*Advertising of Events(Like NSS blood donation etc.)
*Doctor appointment
*Suggesting medicine for the disease along with the cost(wholesale).
*Health tips and remedies.
*A column for volunteering and organ donation.
*Blood bank finder.
*Login/Registration forms for different users.
*Daily diet tracker(healthy food suggestion)
*Depression AI chatbot(for depressed/stress patients.)

User Interface Priorities

* Professional look and feel and user friendly.
*Use of AJAX at least with all registration forms
*Browser testing and support for IE, NN, Mozilla, and Firefox.
*Multi-functional search box.
*Dashboard that informs better decision -making.
*Try to use NLP user interface for chatbot.
*It also include typography, colors, Buttons, Form, Icon, Spacing, Interaction & behavior .

Reports

* Report on the number of users
* Reports on feedback by the customer and new requirements (suggestions from customers) Other Important issues
*All types of data regarding all types of user.

Other Important issues

*High dependability/low downtime
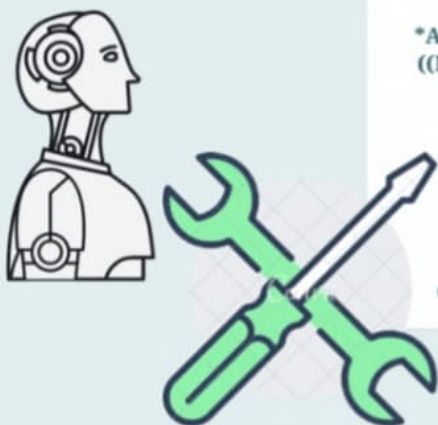*Website should be highly customizable and flexible enough to easily deploy.

Technologies to be Used

*AI,ML, AJAX, Python, Cloud(Saas)
((Note: based on requirement and comfort these may change.)

Tools to be Used

*HTTPS, CSS, Java/java script
XML
VS code, MYSQL, Windows
(Note: based on requirement and comfort these may change)

Final Deliverable must Include

*Online or offline help to above said users, Application deployment executive and developer
* Application archive (.war/.car) with source code
* Database backup and DDL. Script
*Complete Source code

About us

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