**HEALTHPLUS WEBSITE DEVELOPMENT DOCUMENTATION**

**PROBLEM DEFINITION**

Convenient access to healthcare poses a massive problem in today’s fast-paced world. Owing to a global pandemic and heavily understaffed healthcare sectors, receiving care from medical professionals is increasingly difficult.

**WHAT IS HEALTHPLUS?**

There is a need for a simple and efficient way through which persons can keep track of their health, and thus, HealthPlus was born. HealthPlus is a personal health info-portal which allows users to easily book appointments with healthcare providers, schedule medication and save their vital signs, as well as provide users with free access to health-based resources.

**HOW DOES HEALTHPLUS WORK?**

HealthPlus is a website that users can access through the internet. Users can choose to book appointments with health professionals, schedule medication and input vital signs for storage. This information can then be viewed and downloaded from the site by the user. The user can also browse, view and download video and audio resources at their convenience.

**PROGRAMMING LANGUAGES/TECHNOLOGIES USED**

This project is created with HTML5, CSS, JavaScript and Bootstrap.

**DESIGN SPECIFICATIONS**

In line with the functional requirements, the user can perform the following functions:

1. **Welcome Message**: When the page loads, a prompt appears asking the user to input their name. After they do this, a personalized welcome message appears on the navigation bar.
2. **Appointment**: The user can schedule appointment with a healthcare provider. To do this, they must click the “Book Now” button. A form will pop up of which they are to fill the necessary information. Once they are done users can submit the form.
3. **Medicine Dosage Schedules**: The user can schedule medication here. To do this, they must click the “Make Now” button. A form will pop up of which they are to fill the necessary information. Once they are done users can submit the form.
4. **Personal Health Vitals:** The user can input vitals such as blood pressure, blood sugar level, heart rate, etc. To do this, they must click the “Fill Now” button. A form will pop up of which they are to fill the necessary information. Once they are done users can submit the form.
5. **View Appointment Details:** Users can view hardcoded appointment details. To do this they must click on the “View Appointments” button.
6. **View Medicine Dosage Schedules:** Users can view hardcoded drug schedules. To do this they must click on the “View Drug Schedule” button.
7. **View Personal Health Vitals:** Users can view hardcoded vital signs. To do this they must click on the “View Vital Signs” button.
8. **Self-Health Tips:** In this section, users can view and download video resources on personal health.
9. **Health Measures:** In this section, users can listen and download audio resources on health management.
10. **Feedback:** Users can use this section to submit their feedback such as questions and suggestions. To do this the user must type in their feedback in the text box and click the send button.
11. **Contact:** The contact information of HealthPlus is displayed here.

The site also possesses the following functionalities:

* A continuous scrolling ticker at the bottom of the page that displays the users current date, time and location.
* A visitor counter at the top right corner of the page that counts how many times a user has visited the website.
* Menu options which change color on hover and after a user clicks.

**FLOWCHARTS**

Below are flowcharts for key processes on the website.

* Welcome Message:

START

INPUT NAME

DISPLAY NAME

END

* Schedule appointments, drugs and add vital signs:

END

INPUT DATA

START

* View appointment, schedules and vital signs:

START

DISPLAY DATA

END