Building a Product Website

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# Introduction

It's a mistake to operate a hospital with no doctors and nurses, so why should you create an online application without constructing great product pages? In this section, the necessity of developing a healthcare page is elaborated. Moreover, this section also describes the crucial elements that are required to make a page effective and it also describes the essential page-specific applications, which in general would assist the individual in creating their hospital.

Medication adherence refers to the degree to which an individual's behavior (taking medications, adhering to an eating plan, or making lifestyle modifications) is in line with the recommendations from a medical professional. The World Health Organization report on the adherence to long-term treatments depicted that patients follow only 50% of the drugs prescribed to treat chronic diseases in developed countries which is comparatively much lower in the developing world.

The website named REMEDY” is mainly developed for providing healthcare services. It helps people in taking appointments of renowned doctors and schedules their medication timing etc. This application acts as a perfect manager to the users, which is focused on assessing and providing all the necessary treatment to the user.

# Tools and Requirements

A specification refers to a list of requirements that defines website behavior in regards to its interaction with the users. Moreover, the requirements can also be described as the functionalities and capabilities needed in the final product. There are two major types of requirements which are functional as well as non-functional. The term "functional" refers to the technical capabilities of the website, i.e. the way the application is accustomed to function whereas non-functional requirements do not define the way the website is expected to perform in a particular situation.

For instance, some of the fundamental functional requirements of an online store are placing items in the shopping cart using the site, engaging with the user interface, and so on. Other requirements that are not functional include the way that the server processes the requests and how it stands against increasing numbers of logins/users, as well as aspects like security and usability.

## HTML

HTML also known as Hypertext Markup Language, is the language used in programming to create the web. It is one of the primary languages for web programming. The text-based, open-format typing language is thoroughly adaptable and can be utilized to integrate other programming languages, such as JavaScript. [HTML](https://www.bartleby.com/topics/html) comprises various elements known as tags that define how the page is structured.

## CSS

CSS was first introduced in the year 1996. It was developed to ease users in regards to writing multiple times. In the past years, when people wanted to alter the text of a paragraph, they have to repeat the process every time, and also they have to alter the properties. CSS has been adaptable to include additional features like people can use the # option and alter the background color to a vast range of colors. Internal is a good choice inline when people wish to make a tiny alteration to one tag. Inline only affects the tag, in which it is embedded. However, Inline is not a good choice when people want to alter the entire page or the whole website since they have to copy the code repeatedly. External stylesheets permit users to design their website (much as internal) but in a separate document. It means that a user can have multiple workspaces (as people can connect multiple stylesheets to their document) which will give them a better workspace. It is one of the best benefits, people can get as it can be accessed easily. However, it's an issue because any changes that people make to the stylesheet externally affect the HTML document connected to it. The stylesheet that users add is a CSS document that people would utilize to format tags (Trademarks, 2014).

## JavaScript

Java, as well as JavaScript, are two of the languages that have evolved due to the Internet. It is observed that from the rise of mainframes to standalone computers followed by networked communications and then finally to the Internet, one thing is constant i.e. the evolution of different languages. It is observed that without this language, the internet would be inactive and would not be able to function. With the increasing demand for the internet, more and more people discovered that it is the best place to promote business. There is a high demand for languages that are simple to master, flexible, safe, portable, and maintained (Sachdeva, nd.).

# Implementation

Technology is constantly evolving, and it appears that no sooner has one technology gained widespread acceptance before it is replaced with something more advanced and better. Technologies that are used in web design aren't any different. When web-related hardware and software components became more powerful, more reliable, and simpler for users, the internet was flooded with new websites that caused a significant growth in web traffic across the globe (Anon, nd).

Making a beautiful website will be challenging for those who aren't experts in CSS. Without CSS it is not possible for users to make their web page more happening and attractive. To create an appealing web page, the user must be aware of HTML as well as CSS. The main concern of this research work is the implementation of CSS. To design web pages, the user must create an HTML web structure.

## Features

Today, a large number of Internet users make online purchases using tablets and smartphones instead of using PCs or laptops. Hence, it can be comprehended that designing mobile devices was never a failure in seeking the attention of consumers. Another feature that makes a website unique and appealing is the authentic style and design used. Many businesses prefer to opt for custom web design to design their webpage. It is important to note that the concept of "creating a bicycle" is not always crowned by success. It is very much essential on part of users to make sure that the site is filled with quality content as it is a crucial component in regards to the reputation of the SEO expert. It also helps the website owners in meeting the demands of the most discerning clients, who are looking for more than a simple description of the product (Eagan, nd.).

Below given all the key features of this website.

1. Reminders for pills that can be easily customized
2. Support for caregivers and family members
3. Doctor appointment manager
4. Measure your health for different medical ailments
5. Monthly and weekly med reports to present to your doctor
6. Unlimited patient list
7. Patient Medical Records
8. Make and track the appointments of patients
9. Cross-device and cross-user syncing
10. Secure cloud with encryption for securing medical information

## Outcome

Here in this section, the outcome generated via implementing the required tools to build a website called REMEDY is described (). The snapshots of the website are given below to show the final outcome of the website (Bidelman, nd.).

Home Section

A screenshot of a computer

Description automatically generated

### Contact Form Section

A screenshot of a computer

Description automatically generated

# Conclusion

In the case of commercial websites dealing in healthcare medical products, it is observed that a product return facility is not provided to users. However, on looking at the iconic healthcare website, it is derived that the developers must concentrate on maximizing user-friendliness.

However, as web designers and users are aware that the web is badly in need of improvements, Languish [loading](https://www.bartleby.com/topics/load) time, inconsistent [pages](https://www.bartleby.com/topics/page) rendering and a myriad of other issues are some of the constant problems faced by users on the internet, causing endless hassle and discontent. Moreover, it is noticed that the recent technology named the “cascading style sheet” is among the best technology formulated that eliminates many of the basic issues by abstracting layers over the existing ones.

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