

PROFESSIONAL TRAINING REPORT

At

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University)

Submitted in partial fulfillment of the requirements for the
award of Bachelor of Technology Degree in

Information Technology

By

SANJUDHA.M

Reg No : 38120074



DEPARTMENT OF INFORMATION AND TECHNOLOGY

SCHOOL OF COMPUTING

SATHYABAMA INSTITUTE OF SCIENCE TECHNOLOGY

JEPPIAR NAGAR, RAJIV GANDHI SALAI,

CHENNAI-600119, TAMIL NADU.

DECLARATION :

I, Sanjudha.M (Reg no: 38120074) hereby declare that the Professional Training Report on “**A Trust - Website Development**” done by me under the guidance of Dr. Brumancia.E M.E., Ph.D., at Sathyabama Institute of Science and Technology is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in Information and Technology.

DATE: 22 JAN 2021

Sanjudha.M

Place: Chennai

Signature of the candidate

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During the above period, the performance was good & we wish great success in all your future endeavours.

J. more

Technology drives the world. We are the people who are behind the technology.

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No-31, 1st Floor, Alagesan Street, Tambaram West, Chennai-45.

Office : 044-42077204 | +91-8122266653

www.retechsolutions.in



July 11, 2018

Sanjudha M

has successfully completed

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A stylized, handwritten signature in black ink, appearing to read "Signature".

PROFESSOR JOHN DOE

COURSE
CERTIFICATE



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ABSTRACT :

The title of the project is: “Website Development Project: Building a Musical Website”. The main target of this report is to conduct a thorough and in-depth analysis of all the music websites and the difference they make. The approach that was followed was to initially carry out a survey of relevant sites which people are using in day to day life.

Hence the sole purpose of this website is to create a user-friendly website. Understanding its wider context is essential. The literature review tries to examine this impact and reach into useful conclusions as to where the project should focus on, in order to be successful. Finally, there is a presentation and comparison of some well established website development methods.

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CHAPTER 1

INTRODUCTION :

1.1 About our project:

The Internet is filled with tons of great quotes from musicians, both past and present. While I personally love to check out cool quotes from my musical heroes, I find it extremely gratifying to read the words of non-musicians regarding the impact that music has had on their lives. This is because non-musicians can sometimes show us a perspective that we (musicians) cannot normally see. Also, I think it's enlightening to read quotes from intelligent and creative people who speak highly about our art form.

Building a music website is the best solution for creating a centralized location where your fans can hear your songs and find out about your upcoming concerts and new releases. Musicians can also share photos, video and other media, and sell their merch all from the same place.

1.2 Website Development Methodologies :

- Progressive - Work for every user, regardless of browser choice because they're built with progressive enhancement as a core tenet.
- Responsive - Fit any form factor: desktop
- Connectivity independent - Server allow downloads in offline, or on low quality networks.
- App-like - Feel like an app to the user with app-style interactions.
- Fresh - Always up-to-date songs are updated to the site process.
- Linkable - Easily shared via a URL and do not require complex installation.

CHAPTER 2

2.1 ANALYSIS :

Project Overview The technical challenges of designing and developing an charity trust web page are only one aspect of this project. Major part of the project is to acquire the desired knowledge, skills and experience to build an Music website, based on the of user requirements.

A lot of songs and musics are update to our website. This songs can also be downloaded to the user. This site is a user friendly site.

2.2 HARDWARE AND SOFTWARE REQUIREMENTS:

Computer **hardware specifications** are technical descriptions of the computer's components and capabilities. Processor speed, model and manufacturer. Processor speed is typically indicated in gigahertz (GHz) .

Hardware Requirements (Preferable): The selection of hardware is very important in the existence and proper working of any software. In the selection of hardware, the size and the capacity requirements are also important.

PROCESSOR	I3 OR ABOVE	Any Gen
RAM CAPACITY	2GB OR ABOVE	4 is best
PROCESSOR SPEED	2.40 GHZ	-

Software Requirements (Preferable):

One of the most difficult tasks is that, the selection of the software, once system requirement is known that is determining whether a particular software package fits the requirements.

The software requirements are description of features and functionalities of the target system. Requirements convey the expectations of users from the software product. The requirements can be obvious or hidden, known or unknown, expected or unexpected from client's point of view.

PROGRAMMING LANGUAGE	HTML,CSS,BOOTSTRAP,JAVASCRIPT
BROWSER	CHROME,MOZILLA,OPERA,IE
OPERATING SYSTEM:	WINDOWS/UBUNTU/MAC/LINUX
CODE EDITOR	VISUAL STUDIO CODE
HOSTING SITE	NETLIFY,GITHUB

2.3. FUNCTIONAL:

Functional Requirements in a nut shell, functional requirements describe what the software / website should do (the functions). Think about the core operations. Because the “functions” are established before development, functional requirements should be written in the future tense. In developing the web application for music site, some of the functional requirements could include:

- The web application shall allow user to download.
- The web application is free of cost to download.
- The web application is active at anytime.

2.4 Module Discription :

Data Collection We start our project on collecting the images of the car and its model. We use HTML, CSS, JAVA SCRIPT to create the website and to make accessible on every devices that we use.



2.4.1 HTML Hypertext Markup Language (HTML) :

Is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML elements are the building blocks of HTML pages.. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items.

Advantages of HTML:

People often think that HTML websites are history in today's world of advanced Content Management Systems. This may not really be the case in many cases. It is you who will need to decide whether your growing business needs an advanced technology or is a simple, yet effective programming language like HTML enough for you to create a presence in the market. This article discusses the different advantages of HTML.

2.4.2 CSS :

Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable. CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects. CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML. You can define a style for each HTML element and apply it to as many Web pages as you want. Easy maintenance – To make a global change, simply change the style, and all elements in all the web pages will be updated automatically. Superior styles to HTML – CSS has a much wider array of attributes than HTML, so you can give a far better look to your HTML page in comparison to HTML attributes.

Advantage :

CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, etc.

The following are the advantages of CSS –

- **CSS saves time** – You can write CSS once and then reuse the same sheet in multiple HTML pages. You can define a style for each HTML element and apply it to as many Web pages as you want.
- **Easy maintenance** – To make a global change, simply change the style, and all elements in all the web pages will be updated automatically.
- **Global web standards** – Now HTML attributes are being deprecated and it is being recommended to use CSS. So it's a good idea to start using CSS in all the HTML pages to make them compatible with future browsers.
- **Platform Independence** – The Script offer consistent platform independence and can support latest browsers as well.

2.4.3 Javascript:

JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities. JavaScript was first known as LiveScript, but Netscape changed its name to JavaScript, possibly because of the excitement being generated by Java. JavaScript made its first appearance in Netscape 2.0 in 1995 with the name LiveScript. The general-purpose core of the language has been embedded in Netscape, Internet Explorer, and other web browsers.

- JavaScript is a lightweight, interpreted programming language.
- Designed for creating network-centric applications.
- Complementary to and integrated with Java.
- Complementary to and integrated with HTML.
- Open and cross-platform Advantages of JavaScript The merits of using JavaScript are Less server interaction – You can validate user input before sending the page off to the server. This saves server traffic, which means less load on your server.

Immediate feedback to the visitors – They don't have to wait for a page reload to see if they have forgotten to enter something.

Increased interactivity – You can create interfaces that react when the user hovers over them with a mouse or activates them via the keyboard.

Richer interfaces – You can use JavaScript to include such items as drag-and-drop components and sliders to give a Rich Interface to your site visitors.

Advantages of JavaScript:

- **Speed.** Client-side JavaScript is very fast because it can be run immediately within the client-side browser. Unless outside resources are required, JavaScript is unhindered by network calls to a backend server.
- **Simplicity.** JavaScript is relatively simple to learn and implement.
- **Popularity.** JavaScript is used everywhere on the web.

- Interoperability. JavaScript plays nicely with other languages and can be used in a huge variety of applications.
- Server Load. Being client-side reduces the demand on the website server.
- Gives the ability to create rich interfaces.

CHAPTER 3

Material Used:

3.1 Images Used :

This is the list of images that are used in background of the webpage. The image will be automatically shrined when we access the site in different sizes.





3.2 Icons:

In this project I used Font Awesome icon for all the icons that I have included. Font awesome is a robust icon set that contains scalable vector icons. And amazingly enough, it is free (icons sets can be quite expensive, making this a pretty sweet deal). There are many important types of icons that come with Font Awesome: social media, UI/web-related, and more! Icons are important to web projects because they are a visual way to help add meaning to elements.

3.3 Google Fonts :

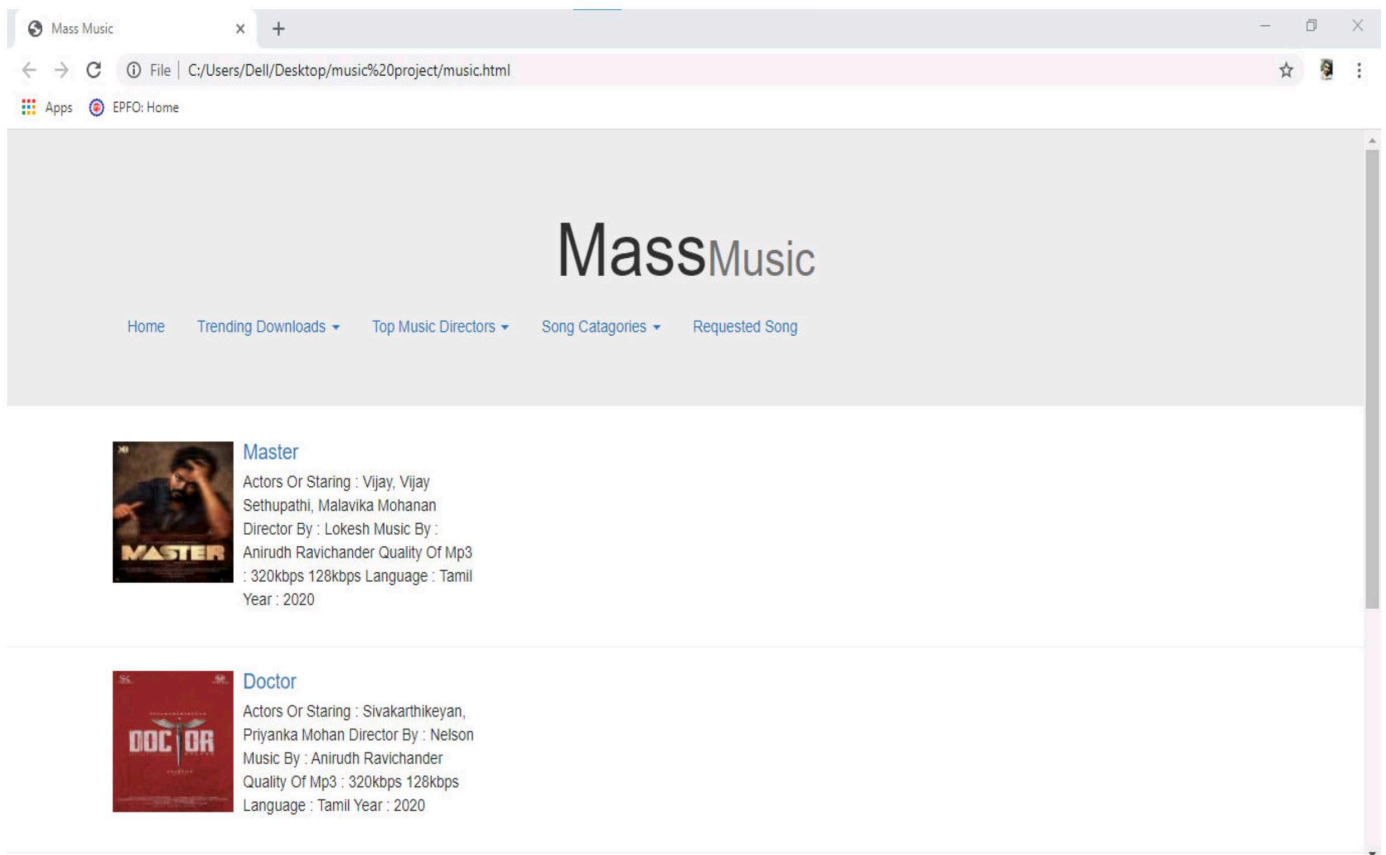
Font-family: "Roboto", sans-serif; Google Font The Google Fonts API does more than just provide the font files to the browser, it also performs a smart check to see how it can deliver the files in the most optimized format. When the browser makes a request to the API, Google first checks which file types the browser supports. I'm using the latest version of Chrome, which like most browsers supports WOFF2, so the font is served to me in that highly compressed format.

Chapter 4

View of Implemented Programs

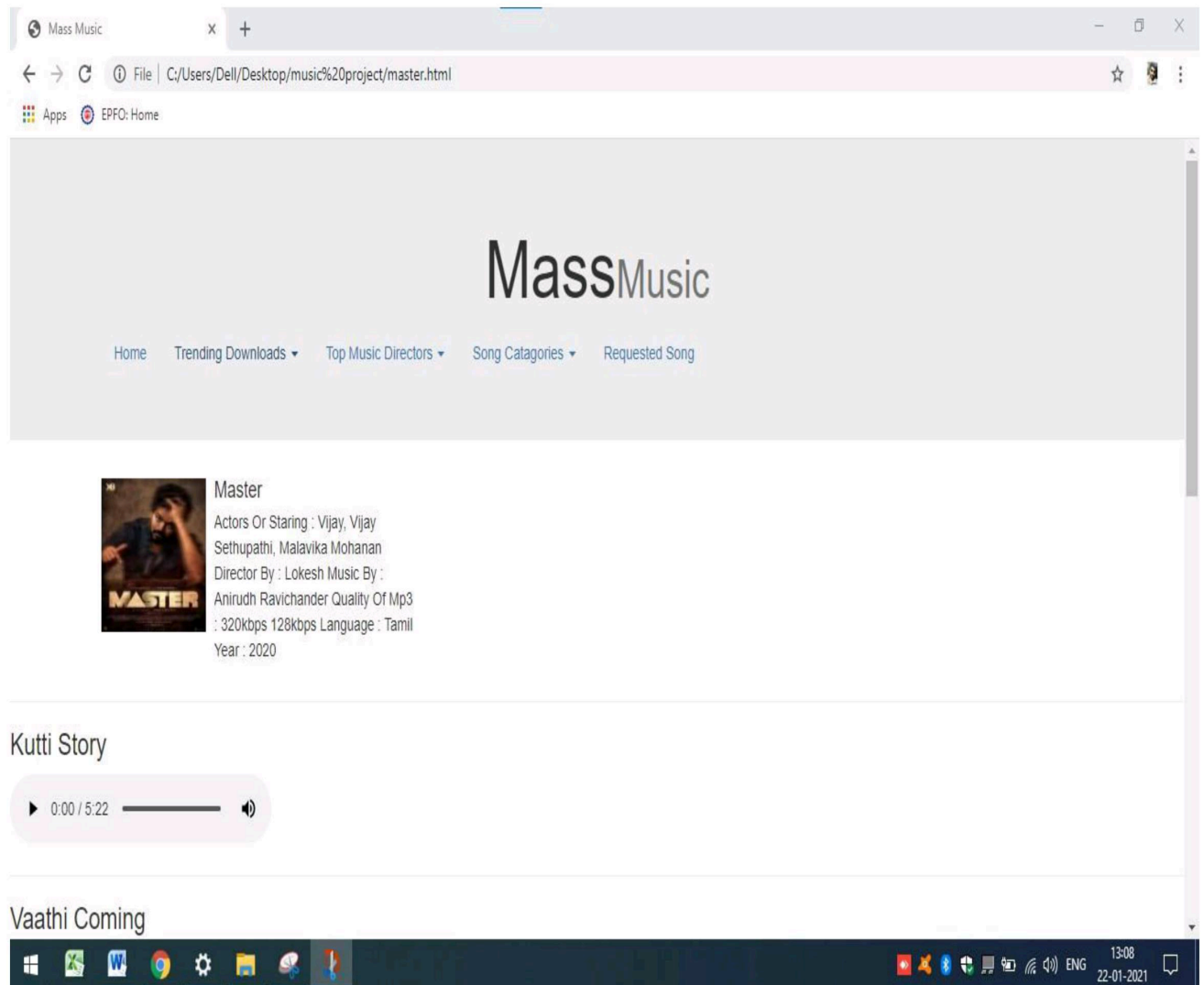
4.1 Desktop View :

HOME PAGE:



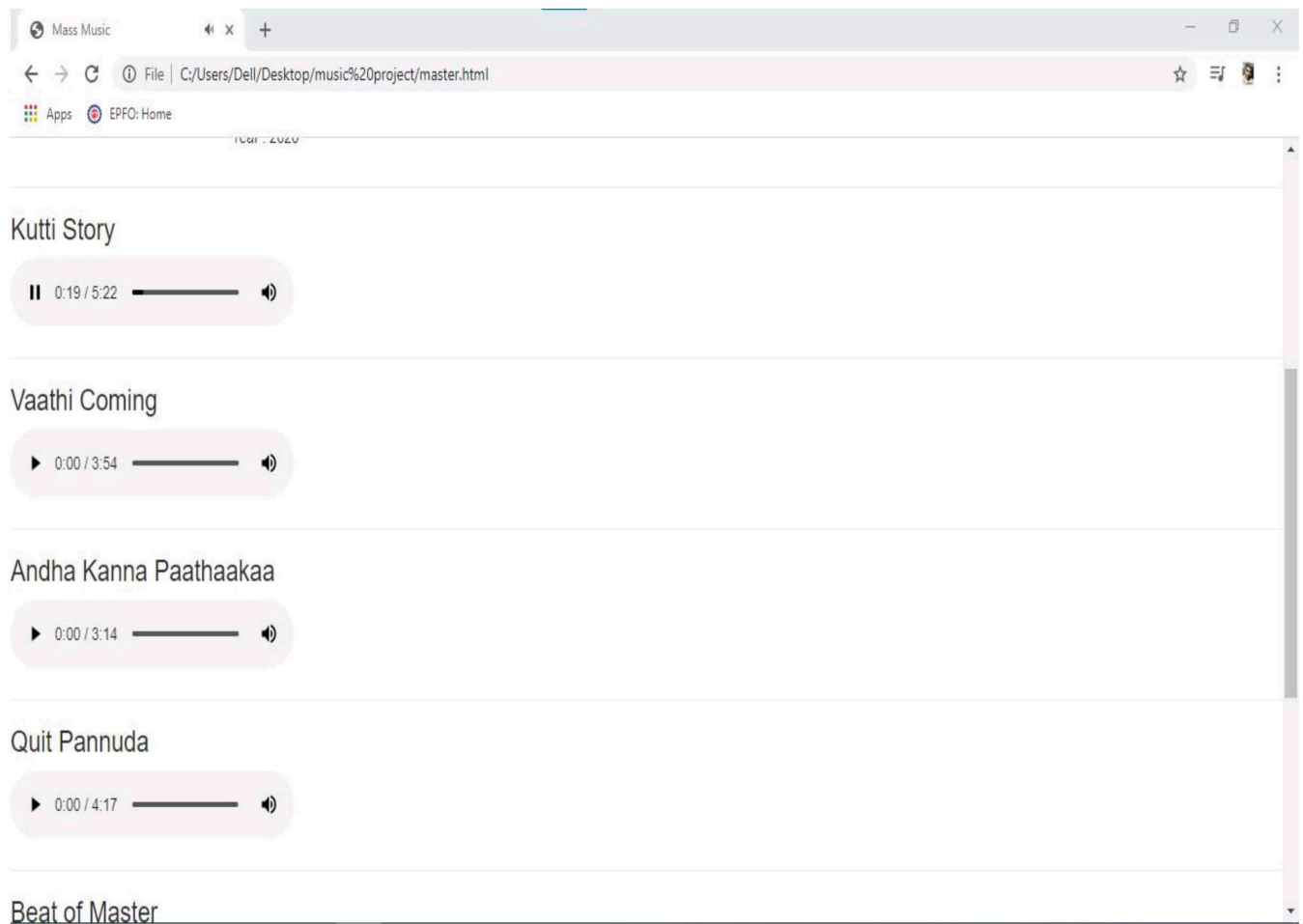
4.2 Website Design Analysis :

→ You may select a song of a movie :



Playing songs :

You can select ah song which you want and you can download it too.



5. CONCLUSION

Research has shown that listening to music can reduce anxiety, blood pressure, and pain as well as improve sleep quality, mood, mental alertness, and memory.

Music is capable of raising states of consciousness, changing your mood, developing the brain, lowering stress levels and accessing different states of the mind. Making music your new hobby can heal your body and your soul, making you a happier, well-rounded person.

So on this basis,I have created this Music site.