<u>*INDUSTRIAL TRAINING REPORT*</u>

PROJECT "Music player using HTML , CSS and JavaScript"

AT

UDEMY

Submitted in partial fulfillment of the requirements for
the award of degree of

Bachelor of technology
In
INFORMATION TECHNOLOGY AND ENGINEERING

Submitted By
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SUBMITTED TO
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CANDIDATE'S DECLARATION

To whom it may concern,
I, Bhanu Pratap, hereby declare that the work, which is being presented in the training report, entitled "MUSIC PLAYER" in partial fulfillment for the award of Degree of "Bachelor of Technology" in Department of Information Technology and submitted to Department of Information Technology, Maharaja Agrasen Institute of Technology, Guru Gobind Singh Indraprastha University is a record of my own investigations carried under the guidance of Ms. Angela Yu, instructor at Udemy Web Development Bootcamp.

Date: 26 Sept 2022
PLACE: Maharaja Agrasen Institute of technology, Sec-22, Rohini, new Delhi

Bhanu Pratap

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Secondly, I would like to thank Udemy for providing such an amazing platform for the students to learn, grow, and test their skills. The successful completion of this project mark the beginning of an ever going learning experience of converting ideas and concepts into real life. This project was a quite a learning experience for me at each and every step. At the same time it has given me confidence to work in professional setup

I am very grateful that my parents could afford buying me a course during this time along with showing their support .

Bhanu Pratap
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CERTIFICATE

ûdemy

CERTIFICATE OF COMPLETION

The Complete 2022 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Bhanu Pratap

Date **Sept. 25, 2022**
Length **65.5 total hours**

ABSTRACT

This report is an introduction to implementing Music Player . Any person who is not much familiar with the basics of the Web Development would gain great insights in the same. The core theme of the report focuses on implementing the music player project using concepts of HTML and CSS. The project has been made entirely by the concepts learned in front-end web development.

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<u>INTRODUCTION</u>

Organization Profile-

Udemy is one of the leading world-wide online learning marketplaces (e-learning). More than 9 million students participate worldwide. With more than 80,000 courses most topics are covered and taught by experts. The courses are available on demand so that the learning is possible anywhere at any time, on the own pace. Udemy courses are available in 80 languages. Instruction is delivered by teachers from universities and colleges but by removing the university name and accreditation process it makes top quality training much more affordable. Offering more than 80,000 online courses with many available free of charge, there is definitely something for everyone from business to personal interests. Udemy has redesigned its platform making e-learning an enjoyable experience through up to date and fully functional online tools. The modern search facility allows students faster answers to questions and quizzes make for an engaging hands-on experience.

By entering the website, you have the menu bar on the left side. You can sort the offered courses by language with the menu bar. Then you can check all the offered courses and filter them by subject. Prices are low with discounts every month and fees are charged per course rather than monthly which means you only pay for what you need. Purchased courses can be saved off-line meaning one payment gives you the keys to your future. Payments can be affected with the mobile app that uses Apple's or Google Play's payment system depending on the device, often in your local currency. For all offered topics there are also free courses available! To start with Udemy, you can first try a free course too.

Mission and Vision:
• We work at a purpose-driven company that places a high value on results, so we can continue to grow and give as many people as possible access to learning resources. We immerse ourselves in data and communicate directly with our instructors and students to ensure we're making real progress toward our

goals—and theirs.

 • With a mission to improve lives through learning, it's no surprise that we place tremendous emphasis on the role of learning in our own lives and work. We understand that learning isn't an interruption of our work or a sign of weakness—it's foundational to our growth, both as individuals and as a business.

 • Individuals make great contributions, but it takes collaboration, compromise, and kindness to build a great business. We succeed as a team, leave our egos at the door, and take pride in our shared efforts.

 • We embrace our quirks and bring our whole selves to work. We recognize that it's our differences that produce the best work, not conformity, so we are excited to welcome coworkers with varied backgrounds, experiences, identities, and ideas. Our openness allows us to better serve the diverse people who use Udemy across the globe.

Udemy is a platform that allows instructors to build online courses on their preferred topics. Using Udemy's course development tools, they can upload videos, PowerPoint presentations, PDFs, audio, ZIP files and live classes to create courses. Instructors can also engage and interact with users via online discussion boards. Courses are offered across a breadth of categories, including business and entrepreneurship, academics, the arts, health and fitness, language, music, and technology. Most classes are in practical subjects such as Excel software or using an iPhone camera. Udemy also offers Udemy for Business, enabling businesses access to a targeted suite of over 7,000 training courses on topics from digital marketing tactics to office productivity, design, management, programming, and more. With Udemy for Business, organizations can also create custom learning portals for corporate training. Courses on Udemy can be paid or free, depending on the instructor. In 2015, the top 10 instructors made more than $17 million in total revenue. In April 2013, Udemy offered an app for Apple iOS, allowing students to take classes directly from iPhones; The Android version was launched in January 2014. As of January 2014, the iOS app had been downloaded over 1 million times, and 20 percent of Udemy users access their courses via mobile. In July 2016, Udemy expanded their iOS platform to include Apple TV. On January 11, 2020, the Udemy mobile app became the #1 top grossing Android app in India .

Introduction of Project

Web Development:

- Web development refers to the building, creating, and maintaining of websites. It includes aspects such as web design, web publishing, web programming, and database management. It is the creation of an application that works over the internet i.e. websites.
- The word Web Development is made up of two words, that is:
  Web: It refers to websites, web pages or anything that works over the internet.
  Development: Building the application from scratch.

Overview Of Web Development:

Web development, also known as website development, refers to the tasks associated with creating, building, and maintaining websites and web applications that run online on a browser. It may, however, also include web design, web programming, and database management.

Web development is closely related to the job of designing the features and functionality of apps (web design). The term development is usually reserved for the actual construction of these things (that is to say, the programming of sites). The basic tools involved in web development are programming languages called HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), and JavaScript. There are, however, a number of other programs used to "manage" or facilitate the construction of sites that would otherwise have to be done "from scratch" by writing code. A number of content management systems (CMS) fall into this category, including WordPress, Joomla!, Drupal, TYPO3, and Adobe Experience Manager, among others.

ABOUT THE COURSE:-

If you would like to get started as a front-end web developer, you are going to LOVE this course! Work on projects ranging from a simple HTML page to a complete JavaScript based Google Chrome extension.

We will cover the following technologies in this course:

• Web development basics with HTML

• Cascading Style Sheets (CSS)

• JavaScript programming

This course covers the most popular web development frameworks, and will get you started on your path towards becoming a full-stack web developer! Still not sold? Check out a few of the awesome reviews this course has received!
"Excellent Course! Highly Recommend It! Such a great hands on experience with this course."

"Excellence in giving the optimal set of tools for web development beginners seeking a well-rounded start for professional web development.

What you'll learn

• Build a simple HTML text site

• Style web pages using CSS

• Program websites with JavaScript Are there any course requirements or prerequisites?

• No previous development experience required

• Access to various open-source (free) software.

 Who this course is for: • Anyone who would like to learn web development

TRAINING OBJECTIVES-

- Training are generally thought of to be reserved for college students looking to gain experience in a particular field. However, a wide array of people can benefit from Training Internships or courses in order to receive real world experience and develop their skills which can be further used in jobs .
- An objective for this position should emphasize the skills you already possess in the area and your interest in learning more
- Internships, Training and courses are utilized in a number of different career fields, including architecture, engineering, healthcare, economics, advertising and many more.
- Some courses is used to allow individuals to perform scientific research while others are specifically designed to allow people to gain first-hand experience working.
- Utilizing internships is a great way to build your resume and develop skills that can be emphasized in your resume for future jobs. When you 5 are applying for a Training Internship, make sure to highlight any special skills or talents that can make you stand apart from the rest of the applicants so that you have an improved chance of landing the position.

Problem Definition

The aim is to write a code using the basic and introductory concepts of Front-end Web Development to implement the Music Player app in which there will be a feature of play/pause/next/previous button.

Objective of Report

- Students will learn how to implement the concepts.
- Students will become familiar with the syntaxes of various HTML and CSS commands and be able to apply those in writing programs that can be useful in the real world.
- Students will learn how to write meaning full code.
- Students will learn real word problem solving and it will also improve the logical based thinking.
- The students will also learn to write codes that give out conclusions based on the inputs.

TECHNOLOGY USED

The Web and HTML:

- HTML stands for Hypertext Markup Language, and it is the most widely used language to write Web Pages.
- Hypertext refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a webpage is called Hypertext.
- As its name suggests, HTML is a Markup Language which means you use HTML to simply "mark-up" a text document with tags that tell a Web browser how to structure it to display.

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.

JAVASCRIPT:

JavaScript is a cross-platform, object-oriented scripting language developed by Netscape. JavaScript was created by Netscape programmer Brendan Eich. It was first released under the name of LiveScript as part of Netscape Navigator 2.0 in

September 1995. It was renamed JavaScript on December 4, 1995. As JavaScript works on the client side, It is mostly used for client-side web development. JavaScript is designed for use on web pages and closely integrated with HTML. JavaScript can create applications which run in the browsers such as IE, Opera, FireFox, Google Chrome and other. Netscape submitted JavaScript to ECMA International for standardization resulting in the standardized version named ECMAScript

Visual Studio (TEXT EDITOR)

Visual Studio Code combines the simplicity of a source code editor with powerful developer tooling, like IntelliSense code completion and debugging.

First and foremost, it is an editor that gets out of your way. The delightfully frictionless edit-build-debug cycle means less time fiddling with your environment, and more time executing on your ideas.

It is available for macOS, Linux, and Windows#

Visual Studio Code features a lightning fast source code editor, perfect for day-to-day use. With support for hundreds of languages, VS Code helps you be instantly productive with syntax highlighting, bracket-matching, auto-indentation, box-selection, snippets, and more. Intuitive keyboard shortcuts, easy customization and community-contributed keyboard shortcut mappings let you navigate your code with ease.

VS Code includes enriched built-in support for Node.js development with JavaScript and TypeScript, powered by the same underlying technologies that drive Visual Studio. VS Code also includes great tooling for web technologies such as JSX/React, HTML, CSS, SCSS, Less, and JSON

HyperText Markup Language (HTML)

Stands for "Hypertext Markup Language." HTML is the language used to create webpages. "Hypertext" refers to the hyperlinks that an HTML page may contain. "Markup language" refers to the way tags are used to define the page layout and elements within the page.

Below is an example of HTML used to define a basic webpage with a title and a single paragraph of text.

<!doctype
 html>
<html>
<head> <title>" "</title>
</head>
<body>
<p>This is an example of a paragraph in HTML.</p>
</body>
</html>

The first line defines what type of contents the document contains. "<!doctype html>" means the page is written in HTML5. Properly formatted HTML pages should include <html>, <head>, and <body> tags, which are all included in the example above. The page title, metadata, and links to referenced files are placed between the <head> tags. The actual contents of the page go between the <body> tags. The web has gone through many changes over the past few decades, but HTML has always been the fundamental language used to develop webpages. Interestingly, while websites have become more advanced and interactive, HTML has actually gotten simpler. If you compare the source of an HTML5 page with a similar page written in HTML 4.01 or XHTML 1.0, the HTML5 page would probably contain less code. This is because modern HTML relies on cascading style sheets or JavaScript to format nearly all the elements within a page.

HTML Versions

HTML tags - informal CERN document listing 12 tags (1991)
HTML 2.0 - specification released in 1995

HTML 3.2 - first version developed and standardized exclusively by the W3C (1996)

HTML 4.0 - published as W3C recommendation (1997)
HTML 4.01 - published as W3C recommendation (1999)

XHTML 1.0 - published as W3C recommendation (2000) More structure less presentation (XML based approach)
XHTML 1.1 - published as W3C recommendation (2001)

XHTML 2.0 - NO STANDARD (2002-2009) worked on but abandoned — not backward compliant (new language)

HTML 5 — WHATWG (Web Hypertext Application Tech Working Group) (2004) W3C adopts the work of this group under name HTML 5.0 (2006) Working Draft (2007)

HTML Attributes:

HTML attributes provide additional information about HTML elements

- All HTML elements can have attributes

- Attributes provide additional information about elements

- Attributes are always specified in the start tag

- Attributes usually come in name/value pairs like: name="value"

CASCADING STYLE SHEETS

CSS, stands for Cascading Style Sheet is a computer language to describe presentation (for example width, height, color, background color, alignment etc.) of HTML and XML (and XML based languages like XHTML, SVG) web documents. In all the examples of our tutorials, we have used HTML for implementing CSS. CSS is a standard specified and maintained by World Wide Web Consortium. From its invention, CSS has evolved through different versions. The present version of CSS is CSS 2.1.

Next version of CSS is CSS3, which is under development but developers have already started using some of its features. In the consequent pages, we will discuss CSS 2.1 in detail. Learning which, you will be able to implement CSS in your own web pages.

CSS Selectors:

Selector	Example	Example description
#id	#firstname	Selects the element with id="firstname"
.class	.intro	Selects the element with class="intro"
element.class	p.intro	Selects only <p> elements with class="intro"
*	*	Selects all elements
element	p	Selects only <p> elements
element,element,…	div,p	Selects all <div> elements and all <p> elements

Three Ways to Insert CSS

There are three ways of inserting a style sheet:
- External CSS
- Internal CSS
- Inline CSS

External CSS
With an external style sheet, you can change the look of an entire website by changing just one file! Each HTML page must include a reference to the external style sheet file inside the element, inside the head section. An external style sheet can be written in any text editor, and must be saved with a .css extension. 16 The external .css file should not contain any HTML tags.

Internal CSS
An internal style sheet may be used if one single HTML page has a unique style. The internal style is defined inside the <style> element, inside the head section.

Inline CSS

An inline style may be used to apply a unique style for a single element. To use inline styles, add the style attribute to the relevant element. The style attribute can contain any CSS property.

Advantages of CSS
1. Separation of content form presentation: Writing CSS code in another CSS file and attaching it to an HTML page, you can separate content from presentation. So, as an author, you need not be concerned about presentation and concentrate on content only.
2. Consistency: CSS can provide a consistent presentation for all of the pages of a web site.
3. Save of bandwidth: Since CSS separates content form style, it makes a web document lightweight, causing saving of bandwidth and in turn faster loading of the page.
4. Ease of contribution: Content Management Systems (for example WordPress) uses CSS, so that people without bothering how their content will look, can submit their content. This has caused an exponential increase in User Generated Content.

CSS Box Model:

In CSS, the term "box model" is used when talking about design and layout. The CSS box model is essentially a box that wraps around every HTML element. It consists of: margins, borders, padding, and the actual content. The image below illustrates the box model:
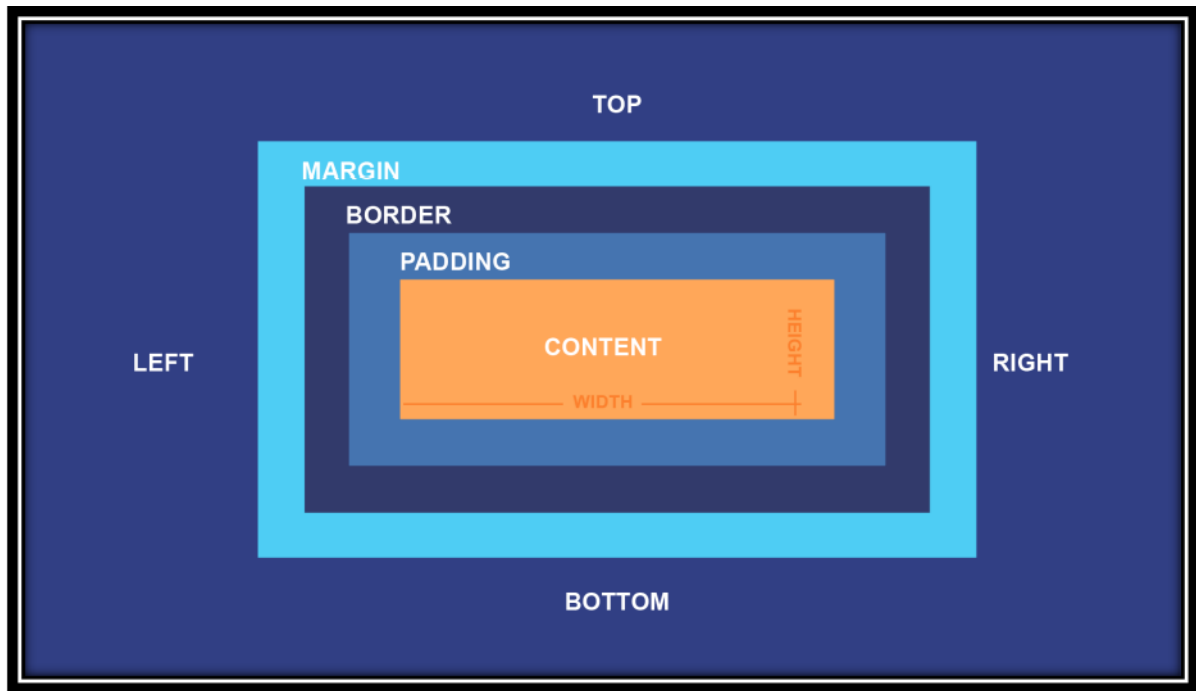

Fig: Box Model Depiction

Explanation of the different parts:
• **Content** - The content of the box, where text and images appear
• **Padding** - Clears an area around the content. The padding is transparent
• **Border** - A border that goes around the padding and content
• **Margin** - Clears an area outside the border. The margin is transparent The box model allows us to add a border around elements, and to define space between elements.

JAVASCRIPT

JavaScript is an object-based scripting language which is lightweight and cross-platform.

JavaScript is not a compiled language, but it is a translated language. The JavaScript Translator (embedded in the browser) is responsible for translating the JavaScript code for the web browser.

Features of JavaScript:-

1. All popular web browsers support JavaScript as they provide built-in execution environments.
2. JavaScript follows the syntax and structure of the C programming language. Thus, it is a structured programming language.
3. JavaScript is a weakly typed language, where certain types are implicitly cast (depending on the operation).
4. JavaScript is an object-oriented programming language that uses prototypes rather than using classes for inheritance.
5. It is a light-weighted and interpreted language.
6. It is a case-sensitive language.
7. JavaScript is supportable in several operating systems including, Windows, macOS, etc.
8. It provides good control to the users over the web browsers.

Training Period:

During the training period, I just wanted to learn Front-End Web Development which included HTML ,CSS JavaScript. After learning I wanted to implement what I learnt . So, to implement it practically, I had to develop a project based on these things. During the making this project I got to learnt many new things which like FONTAWESOME ICONS how to implement objects with arrays

Setting up the things

• So, my first job was to develop the basic structure of the project so do this I draw it on the plain paper .

Ordering the content

 • After structuring my project next thing what I want to include in it like buttons artist name cover image so for this again I used a plain paper for it.

Designing phase

• After wrting the HTML part it was time to add beauty to it . so I added with the help of external CSS .

Functioning phase
   • After adding styles to the HTML code now I wanted to add function to play the music change the music so I did with the help of javaScript.

PROJECT STRUCTURE

The project is a Music Player using Front-End Development. Project title is "MUSIC PLAYER". As the name suggest it is used to play music . It has a buttons like play/pause with the help of these buttons we can start/play the music. It is happening dynamically with the help of javascript .Without JavaScript it wasn't possible.

FILE STRUCTURE:

The project consists of a number of files:

Music.html

This file is the main and central file of the project. This file contains the HTML code and code to include other files as well. This file contains all the code which is practically visible to us on the site.

Music_styles.css

Contains the various css commands to beautify the Music HTML

Music_java.js

Contains functional code for Music HTML file.

Cover

It contains the Images for background cover in jpeg format.

Songs

It contain the audio file for the songs.

Music Player APP STRUCTURE:
It is divided into two parts -
1. Background body
It basically contain the whole app.

2. Main Body .
- It contains the Song Name at top.
- Then there is Artist Name below the Song name.
- Below Artist Name there is a background cover image for respective Artist.
- Below Background cover image it contain the progress bar which tells about the progress of a song.
- At bottom there is buttons for changing the music or to play/pause the music.
- Songs are getting changed because of javaScript
- Whenever we click on next/prev button the songs/song name/artist name/background img gets changed automatically.

CODE-

HTML CODE-

```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Sofia">
    <link rel="stylesheet" href="music_styles.css">
    <title>Music Player</title>
</head>
<body>
    <div class="main">
        <div class="musicContainer">
        <h1 class="SongName" title= "Song Name">Night Changes </h1>
        <h4 class="ArtistName" title= "Artist Name" >  ONE DIRECTION </h4>
        <div class="Cover"> <img class="backimg" src="./cover/oneD.jpg" >
        <audio src="songs\Night-Changes.mp3"></audio></div>

        <div class="progresscontainer">

            <div class="timemeter">
                <div class="starttime">0:00</div>
                <div class="endtime">4:00</div>
            </div>
            <div class="progeess">
                <div class="meter"></div>
            </div>
        </div>


         <div class="musicBtn" >
            <i class="fa-solid fa-backward" id= "Backward" title="Previous"></i>
            <i class="fa-solid fa-play " id= "play" title="Play"></i>
            <i class="fa-solid fa-forward" id= "Forward" title="Next"></i>
</div>

    </div>
    <script src="https://kit.fontawesome.com/543f2cd1e0.js"
crossorigin="anonymous"></script>
    <script src="music_java.js"></script>
</body>
</html>
```

CSS CODE-

```css
body{
background-color: thistle;
margin: 0;
padding: 0%;
box-sizing: border-box;
text-align: center;
}
html{
  font-size: 110%;
  font-family: "jost",sans-serif;

}
.main
{
  width: 100vw;
  height: 100vh;


}

  .musicContainer{
    background-color: #333333;
    border-radius: 1.5rem;
    height: 35rem;
    box-shadow: .1rem 0 0 .1rem;
    width: 25rem;
    margin-left: 35%;
    margin-top: 0.5%;


  }
  .cover{
      width: 20rem;
      height: 20rem;
      margin: auto;
      margin-bottom: 20%;
  }

  .Cover img{
  margin-top: 15%;
    width: 60%;
    height: 60%;
    border-radius: 50%;
```

```css
  }

.SongName{
  font-family: "jost",sans-serif;
    margin-left: 8%;
    margin-right: 10%;
    padding: 8%;
    text-align: center;
    color: white;
    font-size: 2em;


}
.ArtistName{
  font-family: "jost",sans-serif;
  margin-top: -10%;
  margin-left: 5%;
  margin-right: 8%;
  color: wheat;

}
.ArtistName :hover{
  cursor: pointer;
}
.musicBtn {
 display: flex;
justify-content: space-between;
color: black;
margin: 30% 30% 10% ;
cursor: pointer;
margin-top: 2rem;
font-size: 2rem;

}
.progresscontainer{
  position: absolute;
  bottom: 6.5rem;
  height: auto;
  width: 27%;
  padding: 2rem;
  margin-right: 0;



}
.progeess{

  width: 100%;
  height: 0.5rem;
  border-radius: 5%;
  background-color: white;

  cursor: pointer;
```

```css
}
.meter {
  width: 0%;
  height: 0.5rem;
  background-color:black;
  cursor: pointer;


}
.timemeter{
  display: flex;
  justify-content: space-between;
}
```

JS CODE-

```javascript
var songs1 = document.querySelector('audio')
const playWorking = document.getElementById("play");
const songName=document.querySelector(".SongName");
const curruntSinger = document.querySelector(".ArtistName");
const coverimg= document.querySelector(".backimg");
let progresstime=document.querySelector(".meter")
let dur=document.querySelector(".endtime");
let currenttime=document.querySelector(".starttime");
let bar=document.querySelector(".progeess")

let songs = [
    {
        audio: "Night Changes",
        singer: " ONE DIRECTION",
        Cover: "./cover/oneD.jpg",
        songPath: "./songs/Night-Changes.mp3",

    }
    ,


    ,
    {
        audio: "GOAT",
        singer: "Siddu",
        Cover: "./cover/Siddu.jpg",
        songPath: "./songs/Goat(PagalWorld.com.se).mp3",



    }
    ,
    {
        audio: "srivalli",
        singer: "Javed ali",
        Cover: "./cover/srivalli.jpg",
        songPath: "./songs/Srivalli(PagalWorld.com.se).mp3",
```

```javascript
        }
    ,
    {
        audio: "Kesariya",
        singer: "Arijit Singh",
        Cover: "./cover/kesariya.jpeg",
        songPath: "./songs/Kesariya(PagalWorld.com.se).mp3",


    }

]

let isplaying=false;
function playMusic(){
isplaying=true;
songs1.play();
playWorking.classList.remove("fa-play");
playWorking.classList.add("fa-pause");
}
function pausemusic(){
    isplaying=false;
songs1.pause();
playWorking.classList.remove("fa-pause");
 playWorking.classList.add("fa-play")
}
playWorking.addEventListener("click",function(){
    isplaying?pausemusic():playMusic();

});

songsIndex=0;

    function allsongs(songs){
        songName.textContent=songs.audio;
        curruntSinger.textContent=songs.singer;
        coverimg.src=songs.Cover;
        songs1.src=songs.songPath;


        }
    const next = ()=>{
      songsIndex=(songsIndex+1) % songs.length;
      allsongs(songs[songsIndex]);
      playMusic();
    };
    const prev = ()=>{
      songsIndex=(songsIndex- 1 + songs.length) % songs.length;
      allsongs(songs[songsIndex]);
       playMusic();
    };
// ****************** progress bar********************
    songs1.addEventListener("timeupdate",function(event){
```

```javascript
        const { currentTime,duration}=event.target;
    let progress_time= (currentTime/duration) * 100;
    progresstime.style.width = `${progress_time}%`;
    let min=Math.floor(duration / 60);
    let sec=Math.floor(duration % 60);
    let tot_Duration = `${min}:${sec}`;
        if(duration){
      dur.textContent=`${tot_Duration}`;
    }

    let currmin=Math.floor(currentTime / 60);
    let currsec=Math.floor(currentTime % 60);


    if(currsec<10)
    {
currsec=`0${currsec}`

    }
    let currtime= `${currmin}:${currsec}`;
        currenttime.textContent=`${currtime}`;
    });

    bar.addEventListener("click", function(event){
        const {duration} = songs1;
        let move= (event.offsetX / event.target.clientWidth) *duration;
        songs1.currentTime= move;

    });

//   ******************* forward-Backward***********************

document.getElementById("Forward").addEventListener("click",next);

document.getElementById("Backward").addEventListener("click",prev);
```
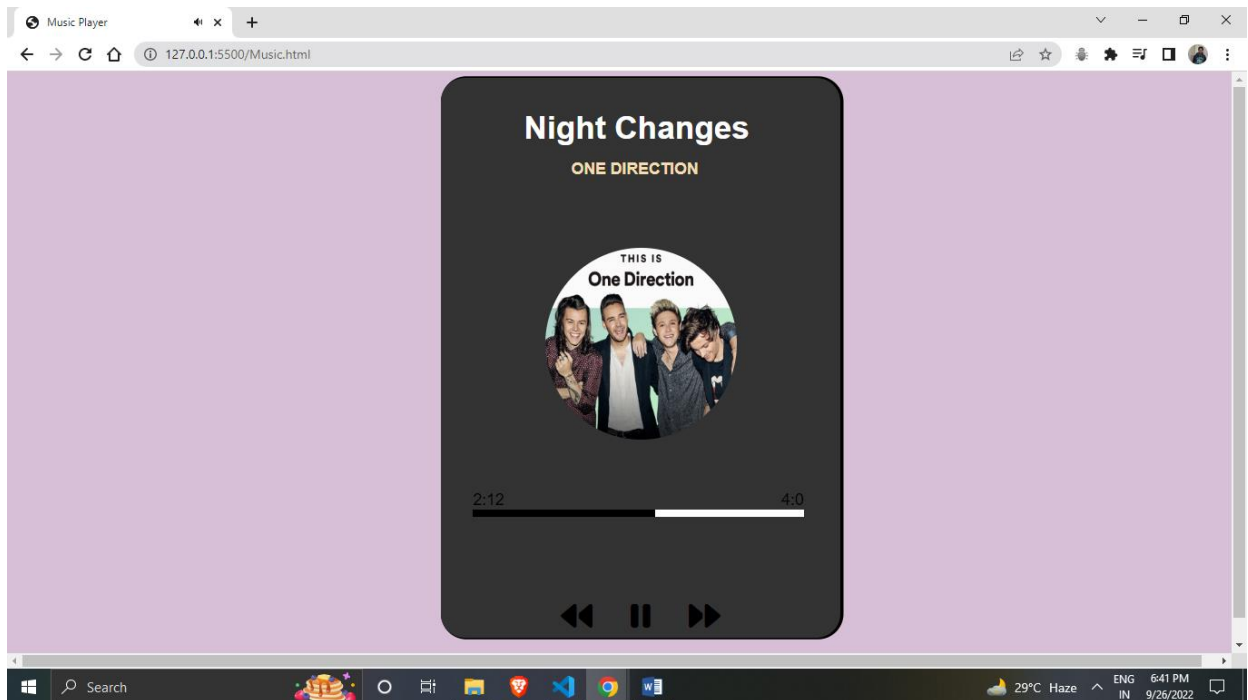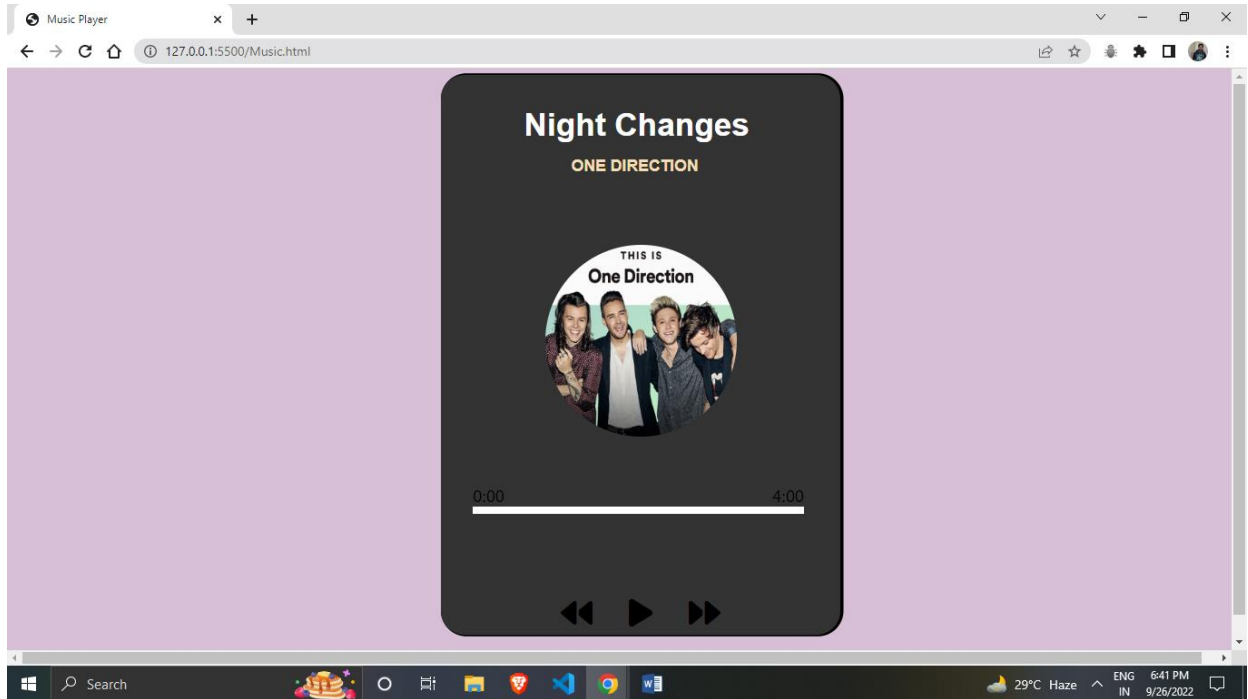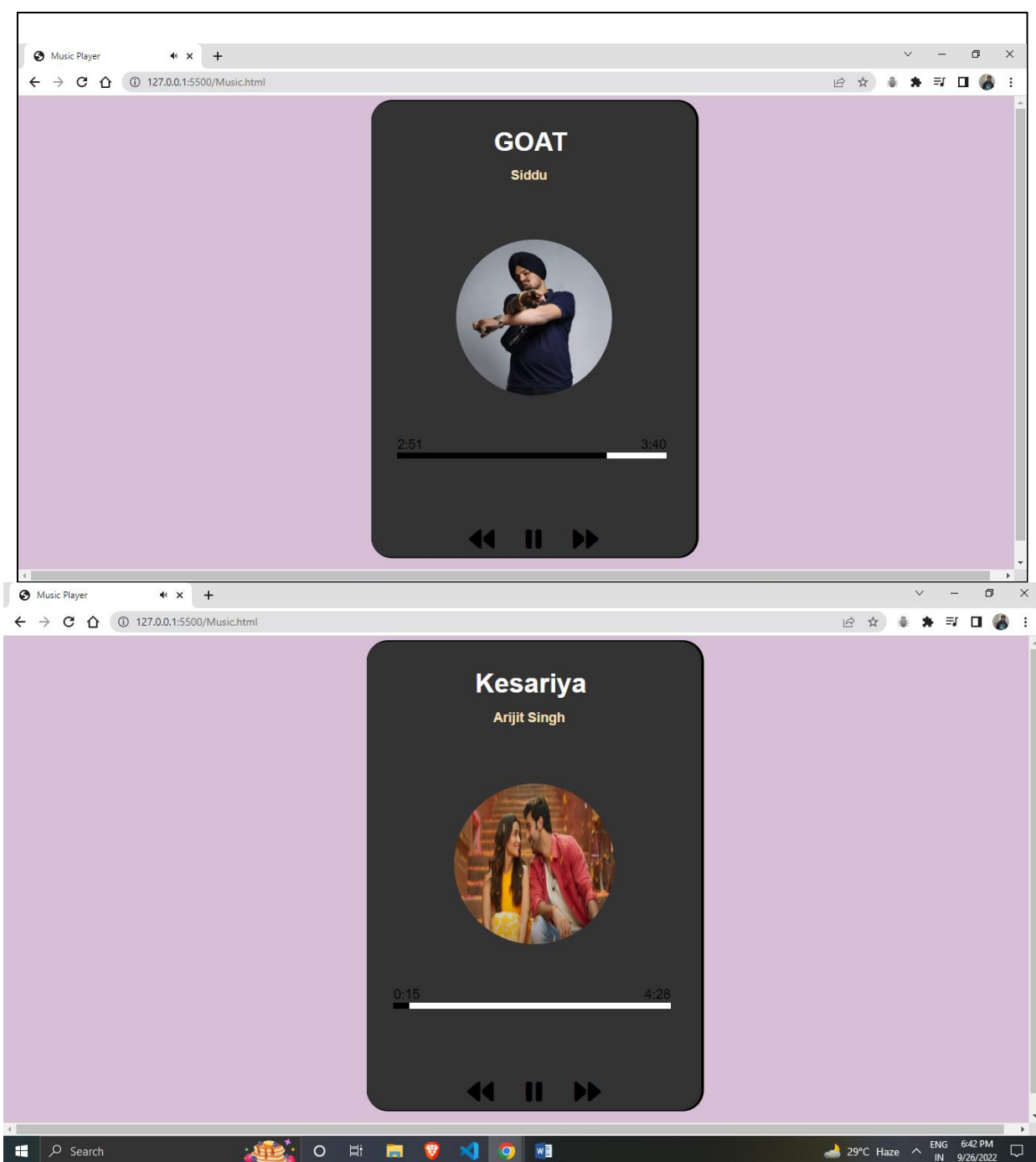
SCREENSHOTS

CONCLUSION

Hence, after completing the training for Web Development Bootcamp sufficient knowledge was gained to implement the HTML ,CSS and JavaScript using project via Front-end Web Development. Thus, the project was a success.

I got to learn a lot about how to make yourself useful in real life and using my skills to give shape to the website in my mind. This project making also taught me how to formally document my work so that it can be presented various experts in the field such as my teachers and mentors. I am thankful for the opportunity provided to complete this project.

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