



Synopsis On Verse Music Website

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DECLARATION

We hereby declare that the work which is being presented in the project synopsis “**Verse(Music Website)**” in partial fulfillment of the requirement for project is an authentic record of our work carried under the supervision of **Mr.Bhanu Kapoor,Technical Trainer,GLA University Mathura**,in session 2022-23.

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INTRODUCTION

An online music website is a digital platform that provides music-related services and content to users through the internet. The website can offer a wide range of features such as music streaming, music sales, artist profiles, concert information, music news, and more.

The objective of an online music website is to offer an engaging and personalized experience for users, while achieving the specific goals of the website, such as promoting artists, selling music, or providing music-related content.

Users can access the online music website from anywhere with an internet connection, using their computer, smartphone, or tablet. Many music websites offer social features that allow users to connect with other music fans, share playlists, and discover new music through recommendations from friends and influencers.

SOFTWARE REQUIREMENT

- Technology implemented : ReactJS ,NodeJS ,MongoDB , Firebase
- Language Used : HTML , CSS ,JavaScript
- Database : Firebase and MongoDB
- User Interface Design : NIL

HARDWARE REQUIREMENT

- Processor : Minimum i5
- Operating System : Windows
- Ram:Minimum : 8GB
- Hardware device : Computer
- Hard disk : Minimum 512GB
- Display : Any Display

FRONT END AND BACK END

For frontend we use-

React JS:-

ReactJS is an open-source JavaScript library that is widely used for building user interfaces. It was developed by Facebook and is currently maintained by Facebook, Instagram, and a community of developers. ReactJS allows developers to build reusable UI components, which makes it easier to maintain and scale applications.

HTML:-

HTML (Hypertext Markup Language) is a markup language used for creating web pages and applications. It provides the structure and content of web pages, including text, images, and multimedia elements. HTML uses tags and attributes to define the structure of a web page, such as headings, paragraphs, and links.

CSS:-

CSS (Cascading Style Sheets) is a style sheet language used for describing the presentation of web pages and applications. It is used to control the layout, typography, colors, and other visual elements of a web page.

For backend we use-

Google firebase:-

Firebase is a mobile platform that helps you quickly develop high quality apps ,grow your user base. Firebase is made up of complementary features that you can mix and match to fit your needs ,with google analytics for firebase at the core.

JavaScript:-

JavaScript is a popular programming language that is widely used for building web applications, games, and mobile apps. It was originally developed by Netscape in the mid-1990s and is now one of the most widely used programming languages in the world.

Node JS:-

Node.js is an open-source, cross-platform, server-side runtime environment built on Chrome's V8 JavaScript engine. It allows developers to build scalable, high-performance, and networked applications using JavaScript, a language traditionally associated with front-end web development.

MongoDB:-

MongoDB is a popular open-source, document-oriented NoSQL database. It was developed by MongoDB Inc. and is designed to handle large amounts of unstructured data with high availability and scalability.

IDEA

One idea for a music website could be a platform for independent artists to promote and sell their music. The website could offer features such as:

1. Music streaming: Users can listen to full-length tracks from various independent artists.
2. Artist profiles: Each artist would have their own profile page featuring their bio, music catalog, and upcoming shows.
3. Music store: Users can purchase and download individual tracks or entire albums from their favorite artists.
4. Playlists: Users can create and share playlists of their favorite songs and artists.
5. Music reviews: The website could feature reviews and ratings of new music releases to help users discover new artists.
6. Social features: Users can connect with each other, follow their favorite artists, and share music and playlists with friends.
7. Music news: The website could feature news and updates about the latest trends in the music industry, upcoming events, and exclusive interviews with artists.

This type of music website could serve as a valuable platform for independent artists to reach a wider audience and grow their fan base while also providing users with a unique and personalized music experience.

OBJECTIVE

The objective of a music website can vary depending on the specific type and purpose of the website. However, some common objectives of music websites can include:

1. Providing a platform for music discovery: Many music websites aim to help users discover new artists, genres, and songs. They may offer music recommendations, playlists, and music reviews to help users find new music they may enjoy.
2. Offering a personalized music experience: Some music websites aim to offer a personalized music experience by tailoring recommendations and playlists to users' musical preferences.
3. Promoting and supporting independent artists: Some music websites focus on promoting and supporting independent artists by providing a platform for them to showcase their music and reach a wider audience.
4. Selling and distributing music: Music websites may aim to sell and distribute music, either through digital downloads or physical media such as CDs and vinyl records.
5. Providing music-related content and resources: Some music websites may aim to provide music-related content such as news, reviews, interviews, and resources for musicians and music fans.

Overall, the objective of a music website is to provide a valuable and engaging experience for users while achieving the specific goals of the website, such as promoting artists, selling music, or providing music-related content.

MODULE DESCRIPTION

Authentication:

This module is responsible for checking the authentication of the user whether the account is valid or not.

Home Page:

This is the main part of the website where we are having all the content.

Song Player:

This module is used to play the songs on the website.

Search:

This module is used for searching the songs that are present on the database.

Admin Dashboard:

Using this the admin can manipulate the database by adding the songs, updating the songs, deleting the songs and editing the playlists.

BIBLIOGRAPHY

React JS -> [ReactJS Documentation](#)

Node JS -> [NodeJS Documentation](#)

Express JS -> [ExpressJS Documentation](#)

MongoDB -> [MongoDB Documentation](#)

Firebase -> [Firebase](#)

<https://github.com/Divyanshu050303/Mini-Project-2>

REFERENCE

ReactJS documentation, NodeJS Documentation, MongoDB Documentation ,ExpressJS Documentation and StackOverflow website.