VIETNAM NATIONAL UNIVERSITY, HO CHI MINH CITY
HO CHI MINH CITY UNIVERSITY OF SCIENCE
FACULTY OF INFORMATION TECHNOLOGY

Introduction to Software Engineering

Project Assignment 0
Museos

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Project Assignment 0: Museos

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Abstract

Museos is a creative platform that merges the power of music and enthusiasm, creating an expanding community for music lovers and artists of all kinds. We aim to foster a global appreciation for music, promote emerging talents, and share the joy that music brings.

1 INTRODUCTION

Museos /'mju:zi.os/ - a combination of Music and Entheos for the purpose of spreading the enthusiasm for music by connecting a community through melody within the platform. The vision we possess does not only stop at contributing to sharing the joy of music but also promoting musical talents. Our key ambition is harnessing the power of music and the passion it evokes and transmitting them across the globe.

2 TARGET USERS AND ENVIRONMENTS

2.1 TARGET USERS

Music enthusiasts who are seeking for a platform to share and listen to wonderful music. Additionally, our platform can serve as a great kick-start for new upcoming artists who yearn to reach a wider audience, and even receive a small revenue through tipping in the process.

- Standard user - Casual listeners who can listen to music, rate artists, or even report any misconducts.

- Artist - Users with the ability to create, edit, or delete their songs.

- Admin - A special kind of user who is in charge of moderating songs and users, through removing and banning.

2.2 ENVIRONMENTS

For this app, we choose **Javascript** with **Bootstrap** framework for frontend. As for the backend, **NodeJs** and **Express** together acts as the backbone.

3 KEY FEATURES

The features of our application are as follows,
Standard features (available for all users):

- Search: Users can filter and and search for the songs they want to find.

- View songs's details: Users can click on a song and view more specific details, including the song's writers, rating, and lyrics.

- Favorites: Users can add their favorite songs to their playlists.

- Rating: Users can rate a song base on their taste of music.

- Download: Users can download their favorite songs and listen to them offline.

- Comment: Users can give compliments or criticisms.

- Giving tips: Users can support their favorite artists.

Artist features

- Post new songs: Creators can post their songs and make them available to the public.

- Update songs: Creators can modify their already uploaded contents.

- Delete songs: Creators can eliminate their already uploaded contents.

Admin features

- Removing songs: Admins can remove songs that are controversial or offensive.

- Banning accounts: Admins can ban or restrict any account exhibiting destructive behaviors, e.g., violations of regulations, harassment, etc.