ONLINE MUSIC WEBSITE

Project Report

Submitted in partial fulfilment of the

Requirements for the award of

BACHELOR OF COMPUTER APPLICATIONS

Submitted By

G.GOPIKA

(Reg No:20203111401130)

Under the guidance of

Dr. T. Beula Bell, M.C.A., M.Phil., Ph.D.

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

NESAMONY MEMORIAL CHRISTIAN COLLEGE

(Re-Accredited with "A" grade by NAAC)

MARTHANDAM, KANYAKUMARI DISTRICT

TAMILNADU-629165

NESAMONY MEMORIAL CHRISTIAN COLLEGE

MARTHANDAM, KANYAKUMARI DISTRICT

TAMILNADU-629 165

(Re-accredited with "A" grade by NAAC)

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

BACHELOR OF COMPUTER APPLICATIONS

BONAFIDE CERTIFICATE

This is to certify that the project titled **"Online Music Website"** Submitted to the Manonmaniam Sundaranar University, Tirunelveli in partial fulfilment of the requirements for the award of the degree of Bachelor of Computer Applications is a bonafide record of the project work done and submitted by **G.GOPIKA, Reg No:20203111401130** during the academic year 2022-2023 in the Department of Computer Science and Applications, Nesamony Memorial Christian College, Marthandam under my guidance and supervision.

Head of the Department **Internal Guide**

Place: Marthandam **External Examiners**

Date: **1.**

2.

ACKNOWLEGEMENT

I express my great thanks to Lord Almighty with a feeling of gratitude for the benefits received and enable me to complete it successfully with his blessings. I am very thankful to

Dr. K. Paul Raj, M.Sc., M.Ed., M.Phil (Edu)., Ph.D., Principal of Nesamony Memorial Christian College for providing the facilities to do this project.

I take this opportunity to extend my sincere thanks to **Prof.A.Jaisingh,M.C.A.,** Head of the Department of Computer Science and Applications for providing Valuable suggestions and constant encouragement at all stages.

Words can't express my special gratitude of my project guide **Dr.T.BeulaBell,M.C.A.,M.Phil.,Ph.D,** Associate professor, Department of Computer Applications whose guidance and help played a key role towards the completion of the project.

Thanks are also due to all staff members of my department for their help encouragement and support and to my friends who offered valuable suggestions and comments throughout this project

G.GOPIKA

(Reg No:20203111401130)

ONLINE MUSIC WEBSITE

ABSTRACT

This project is about the music player website. There are different types of websites are circulating all around which gives us an idea about the new system of music player website. The sites like Spotify, gaana ... etc.

In this project we develop webpage for a music player website that includes the type of login, my language, Fav singers, homepage, playlist of singers, About us, options for the users who wants to join the site for further use. From the userside the user can play all the songs and also can play the favourites. Once we select a song from a playlist to download. The user can download the songs for free, after login the website.

Admin has the full control of the system, the admin can add music, delete music, update the website of a music player.

CONTENT

	Page No.
1.INTRODUCTION	**1**
1.1 Background of the study	1
1.2 Problem Statement	1
1.3 Aim & Objectives	2
2.SYSTEM ANALYSIS	**3**
2.1 User requirements	3
2.2 Functional requirements	3
2.3 Data requirements	3
2.4 Technical requirements	3
2.5 System design	3
3. SYSTEM REQUIREMENTS	**4**
3.1 Web server	4
3.2 Programming languages and frameworks	4
3.3 Database	4
3.4 Content management system (CMS)	4
3.5 Audio players	4
3.6 Search engine	4
3.7 User registration and login system	4
3.7.1 Algorithm Details	5
4. SYSTEM DESIGN	**6**
4.1 User interface design	6
4.2 Database design	6
4.3 Server-side architecture	6
4.4 Client-side architecture	6

4.5Search engine design 6

4.6 System Flow Diagram 7

4.7 Database design 8

5.SYSTEM TESTING 9

5.1 Functionality testing 9

5.2 Usability testing 9

5.3 Performance testing 9

5.4 Security testing 9

5.5 Compatibility testing 9

6.SYSTEM IMPLEMENTATION 10

7. SOURCE CODE 11

8. OUTPUT 108

9. CONCLUSION 113

10. FUTURE ENHANCEMENT 114

11. BIBLIOGRAPHY 115