LISTEN UP: AUDIOBOOK AND MUSIC PLAYER WEB APPLICATION

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Abstract - The purpose of our project is to automate the manual existing searching with high tech system software that formulates the stocking of valuable data or information of the user, retrieving them and it has a unique sorting feature that catalogues data as per the end user's recommendations and previously used features. It uses easily available software and hardware that are trouble-free to work with. Our web application can lead to error free, secure, reliable and fast management system. It facilitates on time saving algorithm as it let the user focus on other activities that than just maintaining and updating the records. Henceforth it is regarded as convenient to any organization for better utilization of resources. The organization can maintain computerized records without redundant entries, meaning one does not need to be interrupted by the fact that information stored is not relevant, and by the time being able to retrieve the information or data required. The goal is to automate its existing hand-operated system with highly efficient equipment and full-fledged software, satisfying their requirements, so that their valuable data/information can be stored for a prolonged period of time with easy accessing and alteration of the same. Basically the project describes how to manage for good performance and better services for the clients. The user interface (UI) is developed using JavaScript (JS) in such a way that it is simply comprehensible for any new user.

Keywords— *user interface (UI), JavaScript (JS).*

I. INTRODUCTION

Evolution of human race has witnessed many innovation and discoveries. The most prominent development for human was language. Language is primary and frequent way to communicate with other people. Human speech plays a significant role in effective communication. The "ListenUp:Audiobook and music player web application" has been developed to override the problems prevailing in the practicing manual system. This software provides a medium to eliminate the hardships and struggles faced by the current system on regular basis. It mainly works as a redundant software and implements DRY principle. Moreover this software is developed in a particular manner to fulfill the needs for the organizations and to carry out operations smoothly and effectively. The application is tapered off as much as possible to encounter the errors while substituting the data. It also has an advance attribute that alerts an error message while entering the inappropriate data data. No prior knowledge is required for the user to operate this system henceforth making it userfriendly. Our web application offers impeccable, firm and secure, reliable and a fast management system It facilitates on time saving algorithm as it let the user focus on other activities that than just maintaining and updating the records. Henceforth it is regarded as convenient to any organization for better utilization of resources. Every organization, whether big or small, has challenges to overcome and managing the information of Album, Music/Audiobooks, Track, Customer, and Album Type. Every Online Audio Portal has different Music needs; therefore we design exclusive employee management systems that are adapted to your managerial requirements.

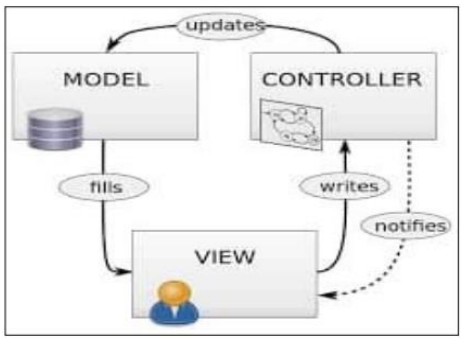
I I. LITERATURE SURVEY

Any employer, large or small, faces difficulties in coping with details such as Album, Music, Track, Customer, and Album Type. Since each web-based audio streaming platform has different music criteria, we create various user control systems that can be customized to organizational needs. This study is aim to aid in tactical planning and can assist you in ensuring that your company has the appropriate level of statistics and knowledge on your potential goals. Our structures often provide faraway entry instances for those busy government officials who are still on the move. This program can help you manage capital more effectively in the long term. Despite the synchronous aspect of music performance, several attempts have been made to explore the possible outcomes that digital music brings in education (Dammers, 2009). This evaluation contains thirty-four peer-reviewed journal papers that glance at practical ways to incorporate tuneage into track training. The findings are organized and listed, with categories ranging from “traditional” uses like online research (Barry, 2003), streaming audio/video (Cox,

2005), and conventional tune symbolic applications (Schroth, Helfer, & Dammers, 2009) to Dance eJay (Gall & Breeze, 2005 and Mellor, 2008) and Skype instruction (Dammers, 2009). The outcomes manifest that the technology offers opportunities for music instructor, the structure of music learning should be altered to in fact country research goals and to incorporate audio as well as video fabric and appropriate sheet music, in order for instructors to fully soak up the data and gauge the effectiveness of using technology. Dammers added up the constraints of using Information and Communications Technology (ICT) in the field of song tutoring in 2009, stating that since song gross success is synchronous by tendency, the application of ICT is sophisticated at best (Dammers, 2009, p.22).[1]. Many academic programs are accepting the pros of asynchronous digital teaching (studies rather than gross accomplishment), but not the tune program usually moving in that direction (Dammers, 2009, p.22).[3]. This doesn't mean that technology isn't applicable in tune education; but, it influences how it's inspected and implemented from the ground up through higher studies.[2]. Before moving into the aspect that how technology is being implemented in music learning, it's important to set some ground rules for the time frame. [4].Tune technology, according to Rees (2001), is "the systematic examination of gear and techniques for track development, efficiency, schooling, and research" (Rees, 2011, p. 154).[5]. This essay will focus on education and science, demonstrating how music technology – especially ICT in the area of music – is used to form environments for music learners of different age group, abilities, and backdrop. [6]. It will continue to a discussion of the significance of definite defined goals in the study process, as well as a problem with the way the conclusions are presented. [7].

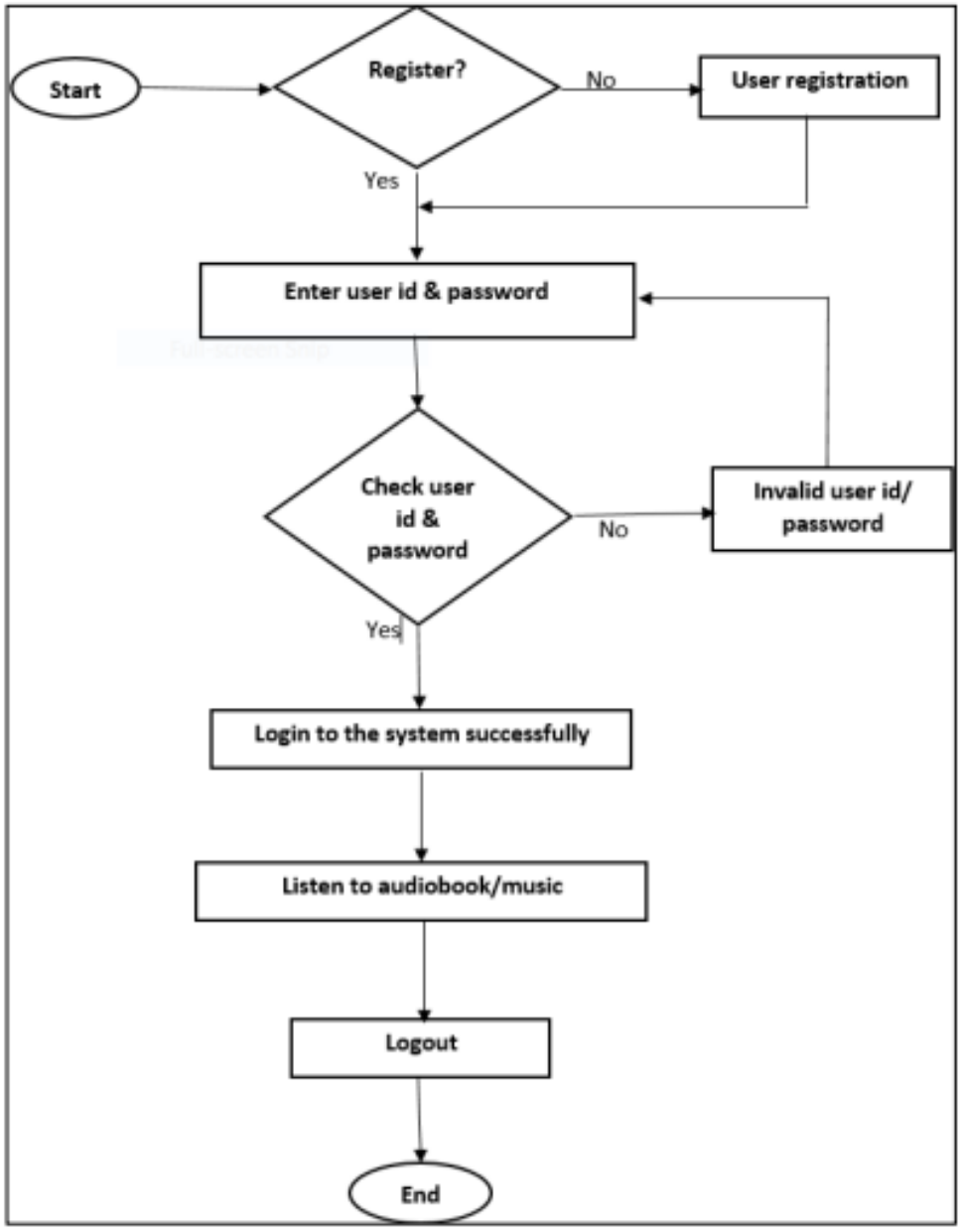
I I I. METHODOLOGY

Model View Controller or MVC as it is popularly called, is a software design pattern for developing web applications. A Model View Controller pattern is made up of the following three parts: Model - The lowest level of the pattern which is responsible for maintaining data. View - This is responsible for displaying all or a portion of the data to the user. Controller - Software Code that controls the interactions between the Model and View. MVC is popular as it isolates the application logic from the user interface layer and supports separation of concerns. Here the Controller receives all requests for the application and then works with the Model to prepare any data needed by the View. The View then uses the data prepared by the Controller to generate a final presentable response. The MVC abstraction can be graphically represented as follows:



I V. WORKING

A Website Test Plan will be written to satisfy the requirements. The plan will provide management and the testing function with an overview of the test activities, schedules and resources required to perform testing. The plan will describe how the testing specifications will be implemented. Unresolved problems will be reported directly to the supervisory committee. Quick reports on the current status will be very time consuming and the chances of error will be high. Calculation mistake are another problem for the system and have drawback of accuracy of result obtained. With the implementation of computerized system, the task of keeping records in an organized manner will be solved.



V. FEATURES

- Product and Component based.
- Creating & Changing Issues at ease.
- Query Issue List to any depth.

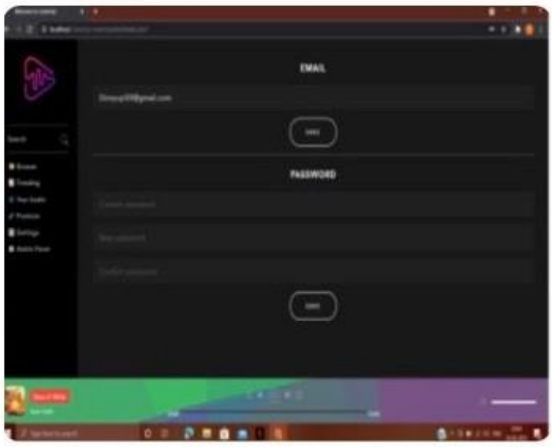
- Reporting & charting in more comprehensive way.
- User Accounts to control the access and maintain security.
- Access of any information individually.
- Simple Status & Resolutions and multi-level Priorities & Severities.
- Targets & Milestones for guiding the programmers.
- Attachments & Additional Comments for more information.
- Accuracy in work, better storage capacity and easy & fast retrieval of information.
- Well-designed report sand decrease the load of the person involve in existing manual system.
- Robust database back-end and various levels of reports available with a lot of filter criteria's.

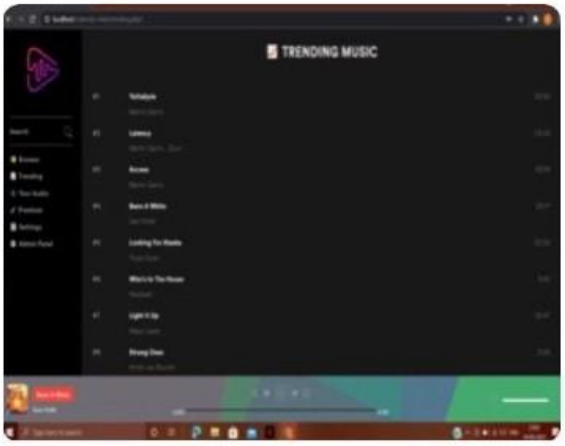
VI. DISCUSSIONS

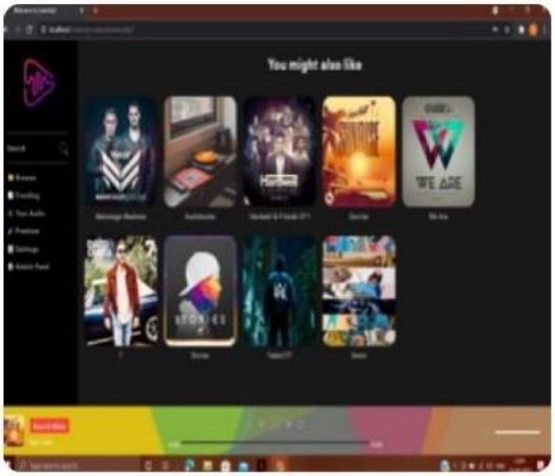
1. Online Users: Online users can browse music gallery based on their interest. OMGS provides user's detailed information about a music album, for example singers name, artist, lyrics etc. User can play or download music online.

2. Administrative Users: Administrator of this website can maintain online music gallery website using a control panel. Control Panel provides ability to add, update music albums. Only valid users can access control panel of website. Administrative user has ability to add more users and provide them appropriate roles to access this website.

VII. OUTPUT SCREENS


EMAIL
PASSWORD


TRENDING MUSIC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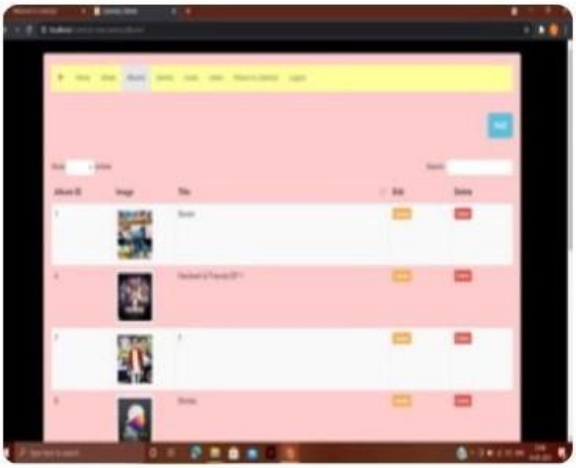


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VIII. RESULT & CONCLUSION

Through this software we assist the user with a complete personalized web application. This software is an automated system so that it provides effective working with much better functionalities and it is time securing. In this recent era of technologies upgrading time is considered to be most precious asset, so with respect to time this web application will be effective to do any sort of group of task in better and secure way. It may help collecting perfect management in details. In a minuscule period of time, the collection will be obvious, easy and sensible. It will provide user with the functionalities to know the management and alterations made in the past year perfectly and vividly. It also helps in current all works relative to ListenUp: Audiobook and Music Player Web Application. This methodology will also reflect in reducing the overheads of collecting the management & further procedure will go on without any hindrance. Our project aims at Business process automation, i.e. we have tried to computerize various processes of ListenUp: Audiobook and Music Player Web Application. In computer system the user has to manually record multiple forms and number of copies of the forms can be easily generated using this web application.

The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses. The description of Purpose, Scope, and applicability was always in consideration while developing the software. We define the problem on which we are working in the project. We describe the requirement Specifications of the system and the actions that can be done on these things. We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system. We included features and operations in detail, including screen layouts. We designed user interface and security issues related to system. Finally the system is implemented and tested according to test cases.

IX. FUTURE SCOPE

• We can add AI powered playlist options to enhance user experience; it automatically creates a playlist as per the mood and suggestions.

• We can advance our ListenUp application by attaching a live podcast feature, where user can live stream.

• We will host the platform with better and extended authentication methods.

• Integrate the application and add an entire music library where user can create music and sound tracks with utilizing pre-existing tunes or can record new tracks.

X. REFRENCES

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