

BENGALI BEATZZZ – A WEB BASED APPLICATION PORTAL

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In this paper, which evolved from a project at its inception, a web-based application portal named "Bengali Beatzzz" has been conceptualized and implemented. The web-based application portal is a variation to the existing ones which can be categorized to its genre or strata. The basic distinctions and advantageous features will be highlighted in the Conceptual Literature Review section. The site is a Bengali music site that provides premium users with the opportunity to a colossal database/repository of Bengali songs of different genres and quality, and the opportunity for those registered users to download the respective songs or the entire album at their disposal. The biggest advantage that lies with this web-based application portal developed by the authors lies in the size of each and every file in the repository and the access speed as well as the download speed of those concerned files.

The paper furnishes an insight to the development of an easy-to-download methodology implemented application for users to grab onto the latest Bengali music.

Keywords: Repository, Database, Uniqueness, Fraction, Privileges, Visitor, Song Search Engine, Web-based Application Portal.

1. INTRODUCTION

Music is an art form whose medium is sound. Common elements of music are pitch which governs melody and harmony, rhythm and its allied/associated concepts tempo, meter and articulation, dynamics and sonic qualities of timber and texture.

The word derives from the Greek word "Mousike" meaning "Art of the Muses"

How to define music has long been the subject of debate.

Philosophers, musicians and more recently, various social and natural scientists have argued about what constitutes music.

Music may be defined according to various criteria or the strata including organization, pleasantness, intent, social construction, perceptual processes and engagement, universal aspects or family resemblances and through contrast or negative definition.

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The entire web-based application portal is password protected and hence avoids malfunctioning/unauthorized access without proper authentication/privileges granted.

Any user having a valid unique user name and user password can only log on to the portal.

Each user before logging in knows what kind of songs are available and needs to register, so that the records can be updated in the database instantaneously, thereby providing the details of each logged in user to the administrator for futuristic references.

Administrator Activities

1. Insert new song announcement details
2. Edit the existing announcement details
3. View the details of the entire list of logged in users
4. Update the latest announcements and edit the previous ones
5. Change the theme of all the pages

User Activities

1. Register new users
2. View the details needed for the registration
3. View announcements
4. Download songs at a rapid rate and access speed
5. Update existing details at any instant (if required)

2. CONCEPTUAL LITERATURE REVIEW

With the advent of World Wide Web [WWW] into the modern struggle for futile existence, the objective of the project was to create an internet based web application for a music website, which is being implemented through the literature review of this paper. The application is a system in which an administrator will input the songs in the database and can monitor different databases for updating. Apart from the administrator, the users of the application can implement innovative methodologies via administrators' privileges. The users can only access the download services provided in the web-based application portal, using a standard authentication methodology.

This paper actually gives the full exposure of a real-time application experience and emphasizes on the very objective of ensuring that. The subject matter of this paper is that of a collection of activities comprising different module types like administrator activities and user activities. Using this web-based application portal, we can keep track of various activities in a website and using some advanced features, it can be used for other purposes in future also.

The uniqueness of the web-based application portal in comparison to the existing Bengali websites viz; "LoveUKolkata.blogspot.com", "MusicJagat.com", "Bengali-MP3.com", etc. can be distinctly emphasized on the following points, namely;

- After comprehensive registration, the user can download any song available in the repository at free of cost and can furnish the administrator with any amount of songs to be uploaded by the administrator in the database
- The size of each and every file (song) is absolutely small, in comparison to the size of any files available for download from the pre-existing

websites, obviously without accounting for any compromise in the quality of the tonal texture and composure. It takes absolutely a fraction of moment to access and download any song or even the entire album at the disposal.

3. IMPLEMENTATION VIA CASE STUDY OF APPLICATIONS

Visitor Registration

The visitor initially has to register and complete the field details of the page and submit it to the database for acquiring the unique user name and user password.

Visitor Login

The visitor after completing registration enters the world of Bengali Beatzzz with his/her unique user name and user password and starts navigating through the website.

Download Process

The user starts navigating through the entire website and starts downloading the songs in the wish-list and soon a pop-up window requiring permission to open or save the song evolves and then if required saving the song, a desired location in the system is browsed and the song is instantaneously downloaded to the specified location.

Download Completion

The user clicks on the particular song and starts downloading it and within fraction of seconds, the song gets downloaded and it is ready to be played. Moreover, the user can furnish the administrator with songs to be uploaded or the administrator can upload songs, rather collectively entire movie album.

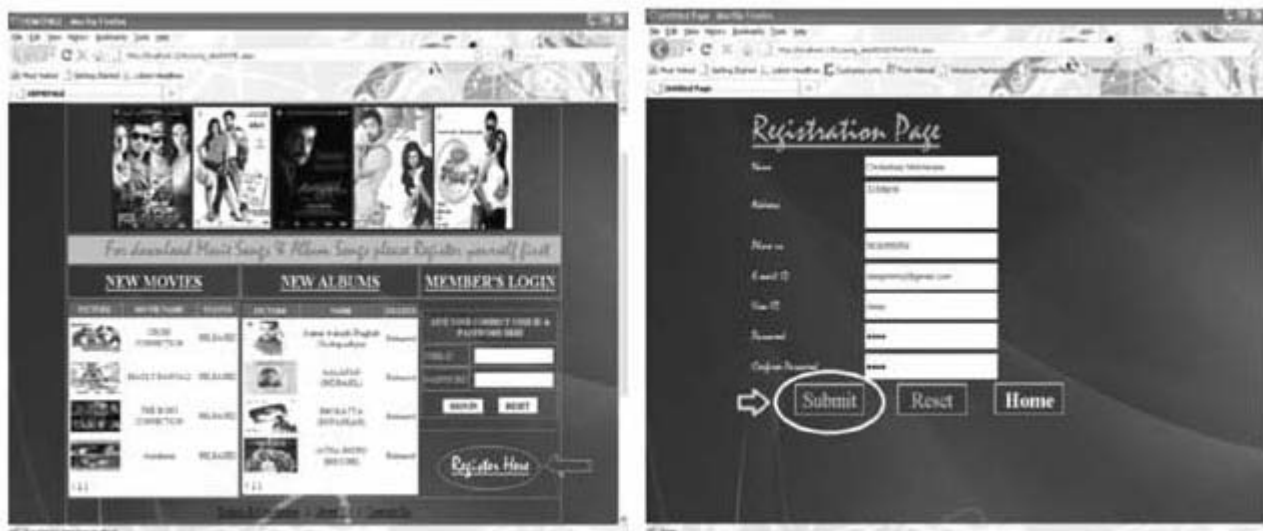


Fig.1: Visitor Registration



Fig.2: Visitor Login

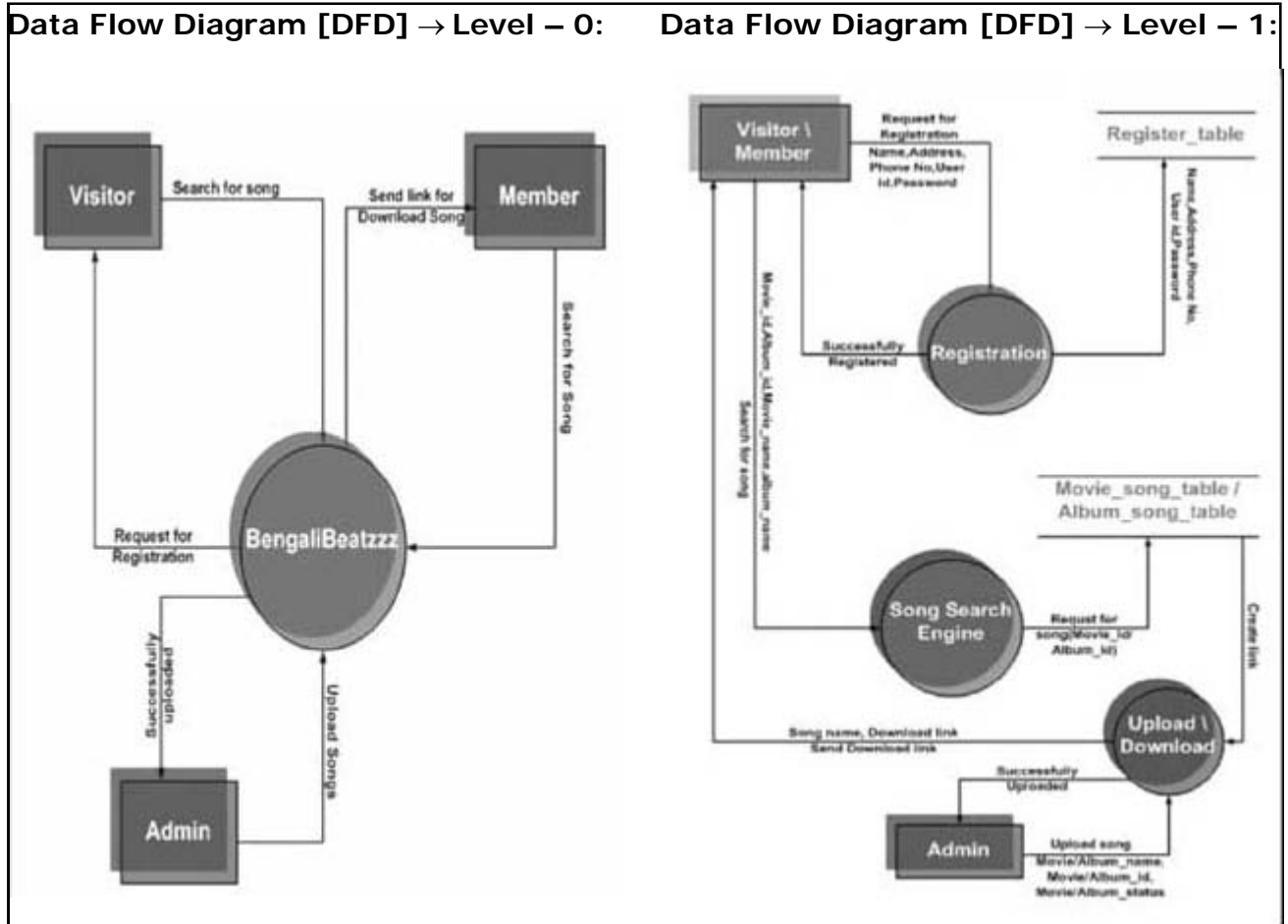


Fig.3: Download Process



Fig. 4: Download Completion

SYSTEM CONTROL FLOW → DATA FLOW DIAGRAM [DFD]



4. CONCLUSION

This paper is an earnest attempt on the part of the authors to bring some respite to the same genre of application development and ensure the new and innovative trend of creating/devising web-based application portals and implementing their wide range methodologies into practicality.

At the fag-end of the implementation, it can be concluded that the paper titled “Bengali Beatzzz–A Web Based Application Portal” can be furnished as a ready reference for the innovative concept of “Mix-&-Match” with an effective implementation in practical scenario and usage world. The paper is a preface to the modern trend of amalgamation methodology coined as “Mix-&-Match”, which can be here presented as a mix and match of a web-based application and a web portal and the consequences of creating a concise web-based application portal, abiding to certain constraints and inferences set associated with it.

Thus, we can conclude that by using this web-based application portal entitled “Bengali Beatzzz”, we can

provide users with the details of recently launched advertisements/promotions of Bengali mp3 album/movie songs.

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