

Android Based CineBar Galaxy

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ABSTRACT

People watch televisions for Entertainment. There are also No of different websites are available for the entertainment. Entertainment means like Movies, Series etc. CineBar Galaxy also provides you feature to share your different views of movies and TV series that you are watching and also spread his/her opinion at the same time. In different countries, sufficient bandwidth of the internet is not available. That's why the "CineBar Galaxy", is application we are developing to mobile Smartphones and tablets who use low bandwidth. We are choosing Android platform because, most of the mobile smartphones and tablets now days run on Android Operating System. CineBar Galaxy provides the facilities to its users with different features like various activities such as profile view, sort-out Movies and Series, chatting room for a favorite Movies and Series, Rating, send friend request and users favorite Movie's Ticket booking as online. It can also search the activity in which one can search for storyline and cast of movie or television series, their rating and reviews by the user. CineBar Galaxy also keeps schedule of Movie shows for online ticket booking. From this we conclude that, this application will be a very useful, which will be easily portable, cost effective and unlimited fun.

Keywords

Android, Bandwidth, Operating System, Smartphones, TV.

1. INTRODUCTION

Mobile broadcast CineBar application combines the two bestselling consumer product i.e. TVs and Mobile phones. Now a day's market research shows the huge future demand for broadcast services. Current market research that Quarter of the world using smart-phones. By growing No of technological and commercial trials, which confirm certain smart-phones TV qualities as key user benefit location independence and time independence[3].

However, when watching a TV, we can be sometimes end up watching a boring Movies or a TV series. When there is no one with us to give the company that time we get bore. Using the CineBar Galaxy, we will be able to find out everything about the Movies and series in a few clicks. At that time we can interact with our friends online [2].

The features of this proposed application is that use of the internet bandwidth very poor. Also this application is very user friendly and also this application having interactive user interface, No one-to-one chat, Rating of Movies and TV

series[1], Adding chat groups in "favourites" tab, Automatic updates of chat groups to "Recent discussions" tab, "Invite friends", For displaying active users in chat group we have to Swipe in chat group, Sorting in a category as alphabetical and release year, Count of comments by a user across all the chats [7] , User can send request to add category, notifications for a new comment ANYWHERE across ALL categories ,Swipe homepage to go to user profile [3].

In this paper, we can discuss about the various aspects why this application is needed, functionality, working and the demo of the same. Television is the mostly used for Entertainment or unlimited fun [5]. However, now a day, our life has going to be very fast, and people don't have that much time for communication with friends, Relatives etc. CineBar Galaxy is an application on the go, by using this anyone can stay in touch with, his/her friends anytime, anywhere. Conventional TV fails to tell much information about what we are watching. Here our application will be very much helpful to getting all the information like cast, story, ratings, Running Movies etc. using this information user can be decide whether to watch that particular show or not. We also are interacting with friends using this application sharing our views [1], rating the shows, etc. Which are the applications are available in market that applications face many problems as follows:

They use huge bandwidth. Most of them do not provide proper show information and ratings related to Movies and series. They do not provide friend interaction options like chatting, comments, etc.

CineBar app provides the smooth user interaction. This application classifies the Movies and Television in Hollywood, Bollywood, and Tollywood etc. CineBar Galaxy has ability to speak to multiple people online at the same time in chat room. There will be Automatic updates of chat groups to "Recent discussions" tab. Also we can invite our friends as send the request. We can also booking the seat online of our favourite Movie. This app will be user friendly. This app will provide trailer of Movies [2], rating of Movies, sound notification. In this application there will be Sorting in a category as alphabetical, release year [3]. This System will be available at anytime, anywhere. It will be provide connectivity 24 hours and 7 days.

2. APPROACH

Current System

Even though there are enormous numbers of Entertaining Apps available, there is none which provide all the features on a single

platform, features like Movie & TV series information, Trailers, Notification, Review, Chatting, and Ticket Booking etc. There are different Applications which provide different features. But they have some limited features. One such application is LounGer. LounGer app is the Entertainment Application for latest released movies and TV shows information, notification, chat and rating on your Android. But LounGer not providing all the features which we are going to provide in CineBar Galaxy app.

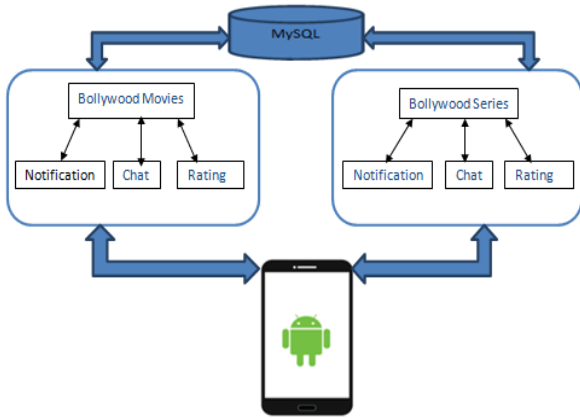


Figure 1: Architecture of Current System

3. PROPOSED SYSTEM

Android devices will use HTTP REST to communicate with server. Server will store all information in MYSQL data.

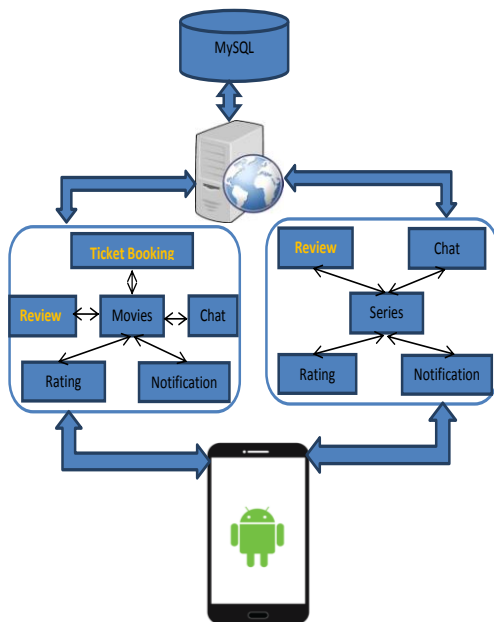


Figure 2: System Architecture

In this system we provided three different categories such as Hollywood, Bollywood, and Tollywood. In this architecture client are the user who can use their digital devices such as Smart-phones, tablet etc. using this User can interact with System using GUI. All the information related to CineBar Galaxy is stored in MySQL Database. And User can access all stored information through server, which are related to the CineBar Galaxy. It uses Virtual Private Server.

If user want information about movies then he/she can go to the movies option otherwise TV series option. In Movies they also provide Ticket Booking, Review, Chatting, Notification and

Rating. In TV series they also provide option same as Movie rather than Ticket Booking.

CineBar Galaxy application will be use 8GB space on Godaddy website for the purpose of storing all data information. And this application will be using 2TB Bandwidth.

This Application working so simple. The basic requirements for running this application on an Android Mobile smart-phones and Internet connection.

After starting the application, the user sees the login page. If the user is already registered then he/she can directly log into his/her account. Else he/she has to create a new account. As providing User Name and Password. After that he/she is redirected to the Home screen. For this CineBar Galaxy provide different module. In user login into the page using their name and password. User can make new registration and login into the page. In Registration module new user will be asked to verify mobile number. SMS code will be sent to mobile number which will be verifying user validity. User Profile module includes detail information of user. Such as User First Name, Last Name, Mobile Number, Email ID, City, and Country. These also include the User photo. There will be different contents like Explore, Recent, and Favourites. User will be able to search for Movies and TV Serials. It also provides the type of Movie/TV serials such as horror, romantic, action etc. [8]. It provides Rating of Movie/TV serial. Recent tab will show list of recently opened chat windows links. Using this user can show the updated views [1]. The Favorite tab will show list of items which are marked favorite by user. It also provides Notification of your favorite one. Chat module will be show all online users with user can chat and here we will be providing only group chat related to Movies and TV series, there would not personal chatting facility [9]. Clicking Rating button will display five Rating symbols and then user can give rating as per user's opinion. User will provide his rating for Movies/TV Serials [1]. And we also provide online ticket booking facility. From this Ticket Booking user can book movies tickets online using credit card, debit card etc. [4].

4. SUMMARY OF THE SYSTEM FUNCTIONALITY

This system will provide an extra feature or facility which allow user to access all the features on the single platform respectively. The CineBar Galaxy will get start after the application will connect to internet.

As future improvements, send text messages when user is offline, is expected to be implemented but current App doesn't support offline text messages. Also to show live streaming.

5. CONCLUSION

The design and implementation of an Android based CineBar Galaxy application is presented. The designs consist of a mobile phone with Android OS versioning 1.5 and above, along with the continuous Internet access. The application can be installed not only on smart-phones but also on tablet devices having Android. This used to movies and series categories as Movies and TV series, and subcategories as are Upcoming, Popular, Release Year, Genre, and language. Such a design transforms a mobile phone or tablet into an entertainment hub. As a part of Bachelors of Engineers project it is only feasible to work upon only one platform, so we are working only on Android. Even on Android we are working on a particular version.

In the upcoming versions of this application, live streaming of TV may be done. Also Social sites integration of sites like Facebook, Twitter, LinkedIn, etc. can be performed. Another concept which may be implemented in upcoming versions is

using text messaging to update the status and other information in the account when we are off line. When the user is in a low network area and he is using GPRS connection, it may be problematic to access. Using text messaging, user can update his/her account such as what he/she is watching, updating sorting message, etc.

6. REFERENCES

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