Konkan Sanskriti : A LARAVEL PHP based Web Application

1st **Ganesh S. Narvekar**, 2nd **Mithilesh D. Parab**, 3rd **Haresh K. Gaonkar**, 4th **S. M. Melasagare**

Department of Computer Engineering,
Sindhudurg Shikshan Prasarak Mandal's College of Engineering,
Mumbai University, Kankavli, India

Abstract : In the modern era, as a technologies are getting advance, the work related to them are also getting advance. Today's business is totally dependent on the internet and to run a business we need the help of the internet so that it can grow at bulkier expanse. Everyday humongous amount of data and personal information has been transmitted and received. With the brisk development of internet technology in contemporary years, online business is gradually rampant.
Web users are very demanding and they foresee web servers to be easily and quickly accessible from other places around the world all the time, whenever they need it. Web users always need quick and rapid responses. With the broadening trend of the internet, it turn out to be an essential part of our life. Website development is a process that takes time and if done by the basic language it takes more time which is not compatible with this fast and developing world of technologies. So to overcome these problems related to web development frameworks are developed. Frameworks are used so that we can create websites conveniently. Web users are very demanding and they foresee web services to be easily and quickly accessible from other places around the world. This paper generalizes the concept of Social platform called Konkan Sanskriti as a website with a framework. In this paper, A new smart management system has been introduce which uses modern technology of PHP development in Laravel framework for managing various terms and planning for users, clients, viewers, locations and more called Konkan Sanskriti.

IndexTerms – **PHP, Bhajans, Konkan Sanskriti, Laravel, PHP framework, MYSQL.**
_____

I. INTRODUCTION

'**Konkan Sanskriti**' is the application of event management to the creation and development of large scale events such as festivals, conference, concert or convention related to the regional tradition of konkan called 'Bhajans'. It involves studying the brand, identifying it's target audience, diversity the event concept providing a world wide platform to the local art and artists and coordinating the technical aspects before. The process of registering user accounts, administrational view, viewers, users and client authentication and providing powerful product search facilities are considered in our system.

We have grown up in a traditional family environment and was exposed to the many traditions of the konkan region. One of them is "Bhajan" refers to any devotional song with religious them or spiritual ideas, specifically among konkan region. In the konkan region the Lok Sangeet called 'Bhajans' is major part of local people's life. Bhajans are not only the tradition or spirituality but also it is a source of income and subsistence for local artists in konkan coastal area. As the days passed we have observed that, all these artists doesn't have any such platform or community where they can perform their talent and art so that they can earn more and spread their local art world wide, also it was observe that with me passing days, with pressure of present day living no elderly person to coex and guide to now some of our traditions all that was a treasure chest of our traditions seen to be falling apart. A desire therefore took root in our mind to create and archive in the internet on various festivals, cuisine, talk songs/lok sangeet called 'bhajans'.the main idea is to create something which can remain accessible to anyone desirous of following the traditions that too especially to the prosperity. In order to overcome the drawbacks of traditional system a new smart management system has been introduce which uses modern technology of PHP development in Lavavel frame work for managing various terms and planning for users, clients, viewers, location and more called Konkan sanskriti with help of this technology, the distance between client, customer and management team has reduced with smart web access.

II. LITERATURE REVIEW

We have studied several papers based on PHP development in LARAVEL framework, also various Event Management systems, Video streaming websites like YouTube we have been considered during studies.

In this research paper [1] MVC Implementation in Laravel framework for Development Web based E-Commerce Application, Laravel provides lightweight layout templates, provides a lot of object-oriented libraries and has artistic tools for carrying out commands at the command line that can help programmers build a website or web-based application. With the many conveniences offered by Laravel, the process of developing a large website becomes easier and faster. In this research the development of web-based e-commerce applications is made using the Laravel framework.

In research paper [2] Sentinel Web: Implementation of Laravel Framework in Web Based Temperature and Humidity Monitoring System, to fasten web development, it needs an implementation of web technology such framework. In developing application, Laravel MVC framework was employed as scripting method and object-oriented-based UML. Sentinel web offers stakeholder to monitor the latest data, review and download data by certain date range, make system error reporting document, and manage users and profile.

LARAVEL: A PHP Framework for E-Commerce Website [3] This paper generalizes the concept of E-commerce website with a framework. What parameters we have to look upon so that we can prepare a websites without any Hassel. This research paper also concludes what advantages did Laravel had on other frameworks, and how it is different to work on Framework.

III. PROBLEM STATEMENT

- Local artists in konkan region doesn't have any such platform or community where they can perform their talent and art so that they can earn more and spread their local art world wide.
- The current systems like YouTube and traditional ways can fulfill their basic needs, but we've developed our web application especially for them.
- If together we could work on our system, the future is beneficial for all of us in form of earning, fame and fortune
- The main idea is to create something which can remain accessible to anyone desirous of following the traditions that too especially to the prosperity.
- In order to overcome drawbacks of traditional system a new smart management system has been introduce which uses modern technology of PHP development in Lavavel frame work for managing various terms and planning for users, clients, viewers, database and more.

IV. PROPOSED SYSTEM

The system to be developed here is complete management of local tradition in konkan region using implementation of Laravel framework in PHP.

When user create their own channel on our web application, he can promote his art over internet by himself.

Our application is mainly based on Social networking sites.

The main potential of our web application is to allow our members to reach upto more audiance, so he can earn more contacts, contracts and assignments.

This application will be much better than traditional way of earning in konkan region, in terms of security, reliability and performance.

Powerful Branding : Video is a fast and effective way to convey your brand messages. People respond well to visual cues, and video is a perfect method for capturing the emotion and physical attributes of what you're promoting.

A. Advantages of Our Web Application

- Beneficial for local artists in Konkan region.
- Free to use.
- More reliable than the traditional system.
- Secure and faster access to members and viewers.
- Transparent system.
- Way to connect more people and followers to our members and tradition.

V. METHODOLOGY

A. Administrative Aspect

1) Provide channels to the users.
2) Adding various events to the platform.
3) Provide security and integrity over the web application.
4) Verifying users channels and their content time to time.
5) Adding commercial value towards the users content.

B. Users and Visitors Aspect

1) Manage own channels and profile.
2) Uploading new content on their channel.
3) View and appreciate others content by like, share and commenting on them.

C. Process

1) Can start with the registering new account.
2) Manage owns profile.
3) Our web application will provide you a channel to upload your content.
4) You have to share your content over your channel with data integrity and of the best possible quality.
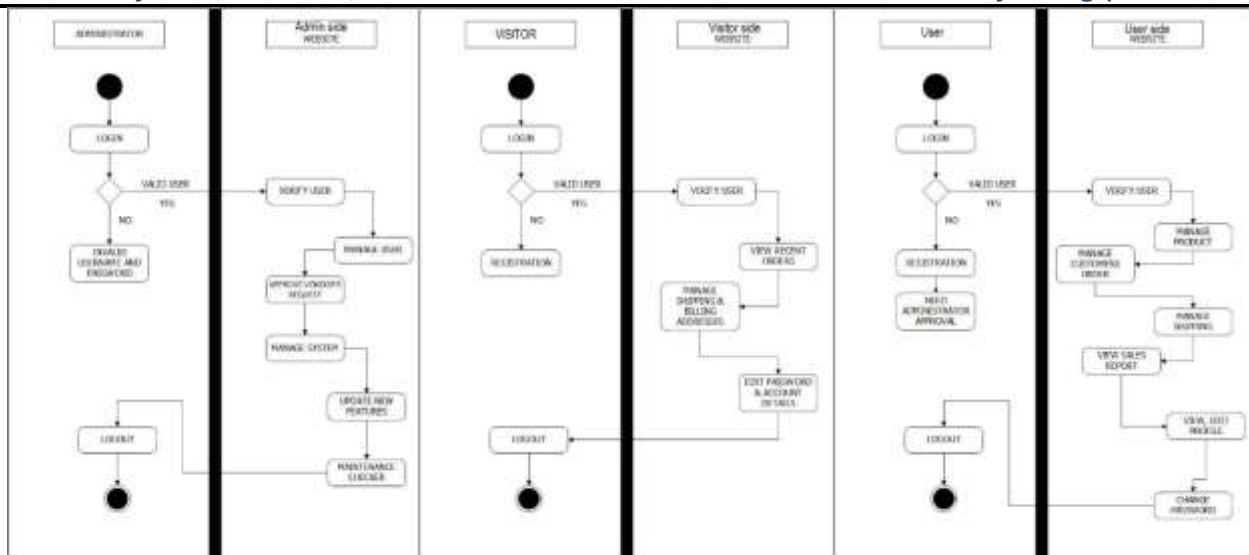5) Our application will provide you data security and commercial platform for your channel.

Fig : Activity Diagram

VI. IMPLEMENTATION

All the requirements are satisfied by the Laravel Homestead virtual machine, but we have to use it as our local development environment. If you don't want to use homestead then the server should meet the following requirements:

- PHP>=7.1.3
- openSSL PHP extension
- PDO PHP Extension
- XML PHP Extension
- JSON PHP Extension
- Ctype PHP Extension

LARAVEL uses Composer to manage its dependencies. So, make sure the composer is installed on the machine if not than download it in command prompt by using commands or either it can be downloaded from composer website. When composer is downloaded than simply create new app in terminal by Laravel new. Now in next step transit the .*env* file as it will give hinderences in connecting to database.

After this the migration and seeding of the database is done in terminal by using *php artisan* command. This will import all the database in our localhost phpmy admin. After that create admin and auth password to login in my admin panel.

Front End

The Front end consist of Bootstrap with HTML which provides user friendly experience to visitors. After login, it checks if you are admin or visitor and relevant type of access will be provided after checking who has logged in. React re-renders only specific component that has changed with specific state, which provides power to refresh web-page in much faster way.

Back End

Back end is consisting of PHP with the LARAVEL Framework, which takes all the hard work of making smart contract on web Application, Laravel architecture based web applications are based on multi-layer. The three-tier structure, in the web technology, explains that the database is not a directive service for each client but it connects to the web server so that the website can achieve dynamic, realtime and interactive customer information services.

VII. CONCLUSION AND FUTURE SCOPE

This project is developed to fulfill user requirement; however there are lots of scope to improve the Performance of the KOKAN SANSKRITI in the area of user interface, database performance, and query processing time. Etc. Laravel have artisans that are built in commands that will help the developers to understand the architecture of Laravel and by understanding the structure developers can make their websites with so much ease.

Laravel Framework can help simplify the performance of programmers in making applications to be more effective and efficient than using a static PHP programming language because the Laravel framework uses the concept (Model View Controller) MVC so that the code becomes structured and easily maintained. The framework is also object oriented and supports all databases can also be combined with several components of other frameworks so that application creation is faster.

VIII. ACKNOWLEDGEMENT

REFERENCES

[1] Santoso, Gatot & Sinaga, Tondi & Zuhdi, Ahmad. (2021). MVC Implementation In Laravel Framework For Development Web-Based E-Commerce Applications. Intelmatics. 1. 10.25105/itm.v1i1.7867.

[2] L. Alfat, A. Triwiyatno and R. R. Isnanto, "Sentinel web: Implementation of Laravel framework in web based temperature and humidity monitoring system," *2015 2nd International Conference on Information Technology, Computer, and Electrical Engineering (ICITACEE)*, 2015, pp. 46-51, doi: 10.1109/ICITACEE.2015.7437768.

[3] Yadav, Neha & Rajpoot, Dharmveer & Dhakad, Shri. (2019). LARAVEL: A PHP Framework for E-Commerce Website. 503-508. 10.1109/ICIIP47207.2019.8985771

AUTHORS PROFILE

Mr. M D Parab is currently pursuing Bachelor of Engineering degree in computer engineering from University of Mumbai, India since 2015 and studying in S.S.P.M.'s college of Engineering, Kankavli.
parabmithilesh1212@gmail.com

Mr. G S Narvekar is currently pursuing Bachelor of Engineering degree in computer engineering from University of Mumbai, India since 2014 and studying in S.S.P.M.'s college of Engineering, Kankavli.
narvekarganesh200@gmail.com

Mr. H K Gaonkar is currently pursuing Bachelor of Engineering degree in computer engineering from University of Mumbai, India since 2015 and studying in S.S.P.M.'s college of Engineering, Kankavli.
hareshgaonkar500@gmail.com

Prof. S M Melasagare has completed M.E. in Computer and currently working as Assistant Professor in Department computer engineering in S.S.P.M.'s college of Engineering, Kankavli since May 2009.
somnath.melasagare@gmail.com