International Journal of Scientific Research in Engineering and Management (IJSREM)
Volume: 06 Issue: 11 | November - 2022 Impact Factor: 7.185 ISSN: 2582-3930

Event Booking System for Artisans

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Abstract: *- India is a country of great cultural heritage and India's cultural diversity provides plenty of remarkable art and craft products. These products are mainly sold in the local rural market and fairs. The artisans find it handy to sell their products at fairs but faces major issues in finding the regional fairs nearby and more importantly they struggle in booking the stalls at these fairs. This scenario can be changed with the advent of technology as an online website based booking can help them to book their stalls from wherever they want.*

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Key-Words:- HTML, CSS, JavaScript and PHP

1. Introduction

This software project is an online portal that offers a one-stop place to book the stalls at the regional carnivals. This website will be used by artisans and handicraft manufacturers in India to promote their traditional goods and put them up for an opportunity to sell their goods. This program eliminates or, in some situations, lessens the challenges experienced by the craftspeople in booking slots at the fairs. Additionally, this system is created specifically to fill the gap between the artisans and carnival organizers. Additionally, this program might help government to promote cultural goods and give equal opportunity to all the artisans to sell their hand made creative stuffs.

2. Problem Foundation

2.1 Objective

Currently, artisans who create artistic items and handloom crafts suffer to get the right price for their products. They are dependent on regional markets and public areas for selling their handicraft items. Our objective is to provide an interface where these artisans can connect with the organizers of carnivals and fairs, so that they can easily book the stalls and amplify their sell. Through this software system, rural handicraft makers can also get a wide scope to market their handicraft products. This software will help artisans to not be fully dependent on markets and enable them to enlarge the market for their products.

Our goal is to create a user-friendly web platform using HTML, CSS, JavaScript, and PHP through which these artisans can book stalls in the regional fairs and carnivals. Through this software system, rural handicraft makers can also get a wide scope to market their handicraft products and they will be benefited in terms of a fair price for their artistic products. This e-commerce platform will give them more opportunities to market their handmade goods. On the other side, the customers from the urban area do not find it easy to get a good artistic piece at a reasonable cost, they goes to these fairs to buy these products but do not get certain variety due to less artisans available for selling at fair. This website will help artisans to rightfully book the stall and sell their goods to the larger audience.

2.2 Scope

Handicraft reflects the culture and skill of the local population and hence the country. India is one of the most sought-after destinations for handicrafts due to variations in culture and people who produce varied kinds of handicrafts. Different places in India are famous for different handicrafts like Saharanpur for its wooden articles, the North Western state of Rajasthan for Jaipuri quilts, Gujarat for embroidered stuff, and Narsapur for lace and lace material, Punjab for Phulkari, Jodhpur for the wrought iron product, etc. The handicraft industry is one of the biggest employers in rural India. Near about 13 million artisans mostly women and people from weaker sections of society get jobs in this industry. Many artisans work on a full-time and many on a part-time basis to produce these goods with hands.

3. Literature Review

The first problem is that there are loads of hard-copied documents and records being generated. This brings us to the age-old discussion of keeping the information in the form of databases versus keeping the same on sheets of paper when we want to run a business. Keeping the information in the form of hard-copied documents leads to the following problems.

5.1 Advantages

- Functional Capabilities: This allows registered users of the system to buy or book stalls at regional carnivals, available on the site.
- Performance Level: It provides effective measures so as to help the artisans by providing them employment and in enhancing it.

5.2 Disadvantages

- We need a good internet connection.
- There should be some prior knowledge of computers and the Internet.
- Competitors will increase as anyone can book stalls from anywhere.

4. Methodology

The methodology of the waterfall model is followed in this project.

The waterfall model follows a sequential, plan-driven process. In which you must plan and schedule all the tasks before the start of the project. Every activity is a separate phase arranged in linear order.

The phases are

- Requirements
- Design
- Implementation
- Testing
- Deployment
- Maintenance

As the software process is not linear so changes can be required.

The waterfall model is easy to understand and follow. It does not require a lot of customer involvement after the specification is done.

Phases of software development:

- Perform Data Analysis on the data

-Build the prediction system

-Get predictions

5. Result Discussions

We aim to develop a web-based application that enhances artisans' ability to book or buy stalls at cultural carnivals to enhance their sales:

1. A 24/7 online availability of stalls and shops for artisans.
2. A multi-binding designed platform that brings all artisans and traders to a unique identity.
3. Improve the buying experiences of customers as it provide variety to them.
4. Provides first-hand information to artisans about available stalls and shops in the carnivals.

6. Conclusion

Estimates suggest that India has over nine million artisans. Although many of them are set up as cooperatives and community-based organizations, they have limited reach, resulting in their wages going for a low price. This will help them to get certainly a wider market and will help them to grow.

Acknowledgment

We express profound gratitude and heartfelt thanks to **Mr. Shivshankar Rajput,** Professor, AITR, Indore, **Mr. Praveen Bhanodia**, Professor, AITR, Indore and **Mr. Kamal Kumar Sethi**, Professor, AITR, Indore for their support, suggestion, and inspiration in carrying out this project. There are a number of people without whom this project's work would not have been feasible. Their high academic standards and personal integrity provided us with continuous guidance and support.

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