

A
PROJECT SUMMARY ON
ONLINE EXPO
(Online Expo – Stay Live Stay Connected)

OnlineExpo

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MCA PROGRAMME
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SURESH GYAN VIHAR UNIVERSITY

Introduction

In India, there are many active communities that arrange many public events in many cities. Our target is to connect all the event organizers and people who are connected or interested in particular communities to get together in our system and organize and participate in events.

Objective

The main aim of the website is to make it easy for exhibitors to arrange the event and manage them and people who are interested in participating can find it easily.

Methodology

Any Exhibitors who want to arrange any event need to register on our website. The exhibitor can manage all stalls, tickets, guests, and customers easily online on our website.

Admin manages countries, states, and cities where events will arrange. Create and manage categories of events like Education event, Job placement event, Information technology, Magento, WordPress, Meetups, etc.

Customers need to register with our website for participation in any particular event. The user/customer who is interested in any event needs to buy a ticket/Stall online from our website. Customers who are interested in the event can subscribe to our newsletter. When the Exhibitor adds a new event then the customer gets a notification email on his email address.

Ticket booking and stall registration fees are paid to the admin **PayU Mony Business** account and after cutting admin commission it pays to a particular exhibitor.

Hardware And Software Requirements

This website is developed on an independent opensource platform, hence no specialized software or hardware requirements are needed to use the website and its resources.

The Basic Requirements needed to run the website:

➤ Hardware Requirement:

- **HHD/SSD:** 100 GB
- **RAM:** 1GB
- **Processor:** Intel© Core™ i5-3470 CPU @ 3.20GHz × 4
- **Keyboard:** Standard QWERTY keyboard for interface
- **Mouse:** Standard mouse with 2 buttons

➤ Software Requirement:

- **Browser:** Firefox / Chrome or any browser.
- **Server:** Linux, Apache, Mysql, and PHP / Xampp
- **Operating System:** Linux Mint 19.1 Cinnamon / Windows
- **Editor:** Visual Studio Code

Technology Used

I have used the most popular **PHP** framework **CodeIgniter** to build my website. To save project data I use **MariaDB** as a database management system. To build an attractive design of frontend I have used **HTML, CSS, Javascript, Bootstrap**.

Testing Technology

➤ Black-box testing:

Black-box testing is a method of software testing that examines the functionality of an application without peering into its internal structures or workings. This method of test can be applied virtually to every level of software testing: unit, integration, system, and acceptance.

- All forms are properly validated
- Client-side validation.
- Server-side validation.
- Responsive Page Design.

➤ White-box testing:

White-box testing is a method of software testing that tests internal structures or workings of an application, as opposed to its functionality. In white-box testing, an internal perspective of the system, as well as programming skills, are used to design test cases.

- The code is well commented
- The code is properly structured.
- Use **PHP_CodeSniffer** coding standards.

Conclusion

The best user experience for Exhibitors and users who actually interact with the event is our main object of this project. The exhibitor can create their Exhibition from our platform. Advertise the Exhibition and people can learn about exhibition market. Make an easy process of buying a ticket/Stalls online and get correct event information without any trouble is our main achievement.