

Online Event Management System

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ABSTRACT

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This project is about Online Event Management System for college-based students. Conduction of events previously was done at a high level. However, as time proceeds further, everyone can arrange events as per their stipulation. Today multiple different events exist, succeed day-by-day, and to scheduled it in a trouble-free way as we have contrivance an online Event Management system. Previously it was tough to manage events as it was a challenging task to arrange all the teammates, events, etc. Therefore, to overcome various apps have been implemented based on handling events. Thus, we also had implemented a website based on managing events on a college level. Here it is helpful to all event organizers as it reduces the works of the organizer and can arrange events easily. In such a way we have a make-up website at the college extent, as long as students, it gets hard to go and broadcast their events at all the colleges, therefore by using our system it will become easier for them to arrange the events online.

Keywords: Event Management, College Event Management, Full Stack application, Inter-college event Management system

I. INTRODUCTION

Broadcasting, conversation, group establishment, gathering, etc was the most significant approach in past years to establish an event and to make it complete. As much different application was invented or inventing day by day, we also had designed a website for event management.

An Event Management website carries out the complexity of conducting events in online-based mode and as to fix the event frequently and to get the attendant accurate information about the event.

The main goal of our project is to give the best supply to events, to fix up the information about the events

by the event organizers in an online mode way. Despite this, if the organizer wants to edit or change the related data/information they can able it to do so that the participants get aware of the change.

Also, this college-based website serves the best functionality to the students to properly arranged their event without any crises or difficulty.

Used of This application can be made by anyone, only he needs to register, choose an event, choose a time and publish his/her event. It also gives facilities to the organizer as it gives him/her to edit, change or cancel details of his/her events. As we know not all can make use of this as some students want to do it

manually as they wanted to get proper communicate their idea or their event front to front with other students hence in presently time each and everyone is making use of it as we are aware of today's pandemic situation all the colleges are closed and the best usage of this website can terminate here. Thus, the following services provided by this website are 1) allows an organizer to create his/her event at any date and can choose time slots as per his/her aspects. 2) though not only the arranger/planner but also the attendees, participants get the accurate knowledge of their events as to them also it gets easier to decide whether to attend the event as per their view. It is easy to use and also free to sign up as just registration is the primary purpose. The event can be organized anywhere at any instance apart the organizer has to remember the password, which he/she has entered while creating an event.

II. DISCUSSION

The examination of this topic based on the website was done to perfection as to don't get any difficulty further while making it. Required Coding Languages was well studied and Execute properly. Throughout the study of used SLDC approach model was the waterfall model as the procedure was in a linear and sequential approach. The use of MongoDB means (stack) used accurately. And for logic, JS JADE was used

III. LITERATURE SURVEY

Event Management System Based on Multiple Data Source: This paper presents the design of the City Event Management System, which integrates the data from public monitoring facilities, social media, and crowdsourcing.

Online Event Management System: for simultaneous actions in the Internet of things: this paper extends the traditional CEP system by developing an

execution model for parallel rule firing in the IoT environment permit to execute multiple laws in parallel without any interference.

Hikester-the event Management Application: The main objective of this service is to provide users with the possibility to create any event they desire and invite other users 'hikester " supports the creation and management of events like attendance, etc.

IV. FEATURES

Login/Register using FB and Local formation of unique IDs for all users on successful registration (MIT-ID).

Admin and Event Manager (EM) accounts with special functions

Create events and update operations for EMs

Ability to register for events by users

View participants and export to Excel for Ems

Automatic mailing through Mailgun on registration

Allow Mass mailing to all registered users through Mailgun.

Facilitate Single registration, team registration.

V. SYSTEM ARCHITECTURE

Creator/Participant: Both the creator and participant can create events. Thus there is no need for the participant to register him/herself to the system for just enrolling for the event session.

Sign Up: for creating one or multiple event the new users need to sign up by filling his/her details.

Sign In: the existing user also needs to sign in for creating an event.

Creator's Menu: After Signing In, users managed to the creator's menu in which there are some options

such as to create an event, my events, sign out, and again register for the session.

Creation: block, there is a form activity that creates an event and stores it under the user's account data in a database.

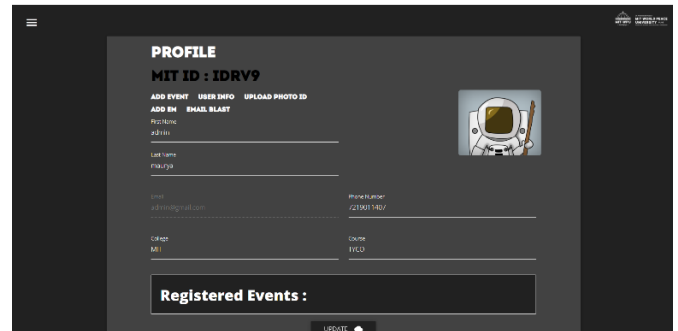
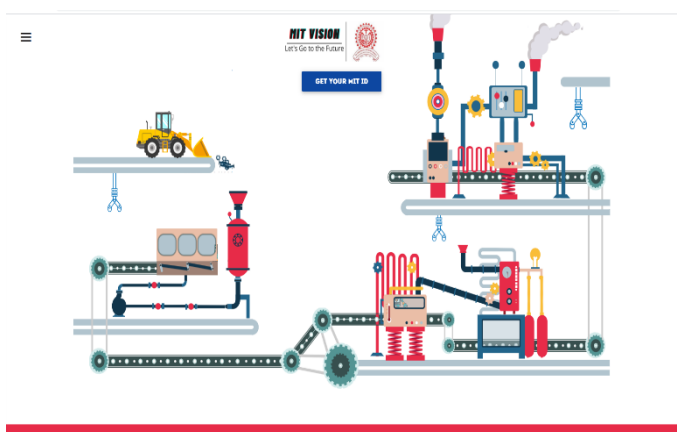
Events List: the record of all events, created by the users is displayed as well as by clicking them the user can delete the event session at any time.

Registration for the event: Creator/Participant blocks both the creator and participant can register for events and theirs no need to sign up only for registration for an event.

Sign out: the user is signed out of the system if he/she wants to keep his account safe or he/she wants to create a new account on the same device.

Database: all the data from the event management system (website) is cache, plus all the processes of the system execute on the data available in this database.

VI. RESULT/OUTPUT



VII. SOFTWARE SPECIFICATION

The front end used languages:

PUG

- ✓ Pug is a well-known HTML templating engine.
- ✓ Pug feature -conditions, loops, includes mixin which can easily render Html code.
- ✓ Pug is used for express.

Nodejs

- ✓ Node.js provides an open-source server environment.
- ✓ Node.js uses JavaScript on the server.
- ✓ Node.js uses asynchronous programming!

Express js

- ✓ Express is a node.js web application framework.
- ✓ Express is minimal and flexible.
- ✓ Express provides layers of basic web application features.

CSS framework

- ✓ Materialize CSS is developed and designed by Google.
- ✓ Materialize CSS components help create attractive, consistent, functional web pages and web apps while adhering to modern web design principles such as browser portability, device independence, and graceful degradation.

- ✓ Materialize CSS- A component library created with CSS, JavaScript, and HTML.

Back end used languages:

Mongo dB

- ✓ A source-available cross-platform document-oriented database program.
- ✓ MongoDB is a NoSQL database program.
- ✓ MongoDB uses JSON-like documents with optional schemas.
- ✓ MongoDB is a document-oriented database.

VIII. CONCLUSION

The conclusion is to implement a college-based online event management system. According to the study, the idea of the system has been perfectly designed without any difficulty. Accordingly Provides the organizer to store and publish the event. Any student of any college can be able to access the system without any problem. Information regarding the website is given accurately in a manner of images. This application can be used to store event details and display them on a website to get exact knowledge, information to the participants.

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