

University Event Management System

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Abstract: *This project aims at developing an Event Management System for our institution. As the numbers of events conducted are increasing day by day, it is difficult to manage details using systems like spreadsheets, traditional databases. The volume of data is now larger and retrieval of those data and generating reports has become harder. In order to overcome the drawbacks of traditional event management systems, a new Smart Event Management System can be introduced which uses the modern technology for managing various tasks. This project provides functionality to add Event Type like - FDP, Workshops, Conferences etc and Event Level like International, National, Inter Collegiate etc. Considering the problems and disadvantages of event management systems used in universities, there is a dire need to build an automated system which can help with managing data and generate reports, which is the primary focus of our project.*

Keywords: Event Management System, Event Database, Report Generation, Admin User Login

1. Introduction

The main idea of our project is called University Event Management System, which helps in maintaining an event database for all the departments in our university and retrieves it in form of a report whenever we want. Organizing an event is a tedious and time-consuming job for the event management committee. Scheduling of the event plays an important role may it be any event from the scale of small to larger. The purpose of making this application is to provide an ease of finding the event schedule at one place. The invention satisfies the foregoing needs and avoids the drawbacks and limitations and frustrations of the prior art, and provides a better, more timely and effective process of scheduling events and retrieving and generating reports based on those data. This application provides an option to edit the details about the event which is entered previously and also delete them when required.

This Application contains two major users. First the Department Module which allows the user to create a new event, update its details or delete it if required. Second the Admin Module, where the user can generate event reports based on the data stored in the event database. Retrieving an event's history is made easy now, as we get to pick up the necessary information about events in between a particular time period. This project is designed in such a way that it is flexible for future developments.

2. Proposed System

The system which is already in use has faced many problems over the years like, data is stored by Traditional Database. Data retrieval is hard, Manual Report generation takes up more time and effort when compared to an automated system and might not be uniform when compared to all the departments.

The system which we are proposing here is designed to overcome the drawbacks faced by existing systems. The system proposed in this paper, uses a dedicated database to store event details, which overcomes the problems caused by traditional databases and also makes data retrieval easy. Our system consists of two modules which are Department user Module and Admin Module. The Department user can create an event, update its details or delete it when required. Date, Event Type (Workshops, Conferences etc), Event Level (International, National, Inter-collegiate etc) are provided as filter options to retrieve the data. The Admin User's privileges are limited to viewing and generating reports based on event details. This reduces the workload of preparing the event report manually and it also saves time. The project is totally built at the administrative end and thus only the admin user is given access to all Departments' data.

2.1 Department Module

- 1) **NEW EVENT:** This is the page to get event details from the department which hosts an event. User can add Event Poster as .JPG or .PNG files and Event Report as .doc, .docx and .PNG format.

Figure 1: New Event

- 2) **PAST EVENTS:** This page retrieves event details from the database based on the From Date, To Date filters. Event Level and Event Type are provided for better filtering of results

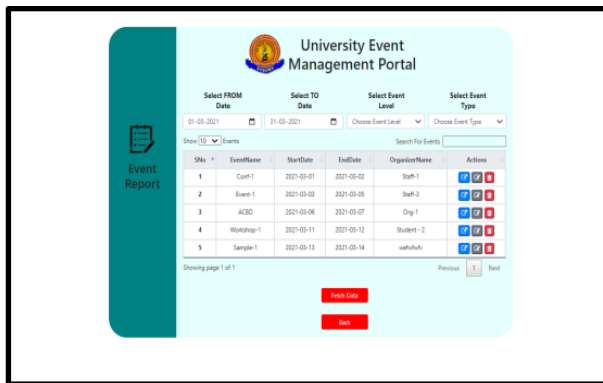


Figure 2: Past Events

- 3) **CHANGE PASSWORD:** Though the Login Credentials of the users are hardcoded, Department users can change their existing password using the Change Password option.

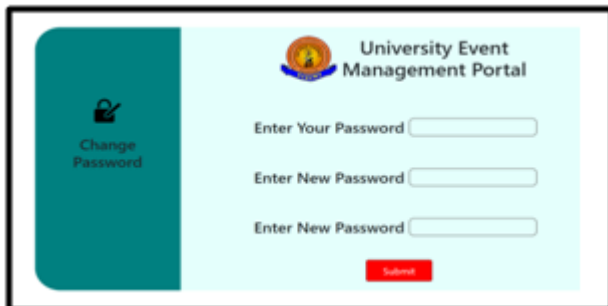


Figure 3: Change Password

2.2 Admin Module

- 1) **WELCOME PAGE:** After login in, the admin user can select all or a particular department to see the events which they have hosted.

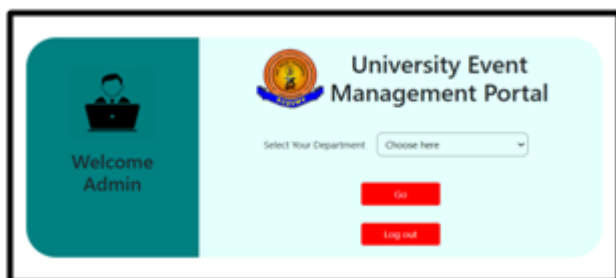


Figure 4: Welcome page

- 2) **ADMIN REPORT PAGE:** User can use From date, To date, Event Level and Event Type filters options to refine the results according to their need.

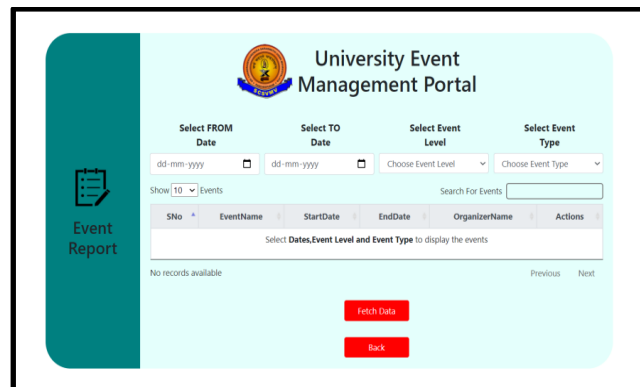


Figure 5: Admin Report Page

3. Conclusion & Future Enhancements

This project will help in managing event data and automate report generation. This project will definitely reduce human effort and will make it easier for Universities to shift from traditional databases.

Considering the future requirements in university event management systems, we are planning to add are ;

- 1) Admin Approval option for an event proposal from a department
- 2) Google Authentication for department users
- 3) Adding a Separate Module for Students to view upcoming events in their university.

References

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