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Event Management System with Advanced Features Using e-Approval

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ABSTRACT: The Event Management System is a Web based Application .This system is to handle the events and functionalities in the colleges .The Web Application is accessed by the admin .The admin can create, edit and delete the records in the database .This project is to save valuable time of the Event coordinator.
This Project takes the initiative steps to build a web application for Event Management that enables certificate approval process. This system eliminates the manual approval for the certificates that are used for the various events. The certificate templates are added to the system and the certificate will be auto-generated and sent to the respective students through the SMTP protocol. It supports both the inter and intra college students by means of individual databases. The generated certificates are forward to the authorities where they get approved and then sent to the students. The system generates the unique key id for the participants. The system can maintain the attendance of the participants which are used for the certificate generation. The event management system enables the users to view the information about the events that took place in the past and the ones which are about to take place in the near future. The administrator can login into the website and see through the information such as details about the events like the venue, theme of the event , participants, chief guests, etc

KEYWORDS: Participants, Approval, Certificates, Templates, SMTP

I.INTRODUCTION

The web applications are the predecessor of the mobile applications. But Yet web applications are the leading in the technology platform as they are easily accessed with the need for installation and other basic requirements. As the web-based applications are advancing, the college event management can be fully automated. The empirical evidences show that the records of the events is the primary factor to determine the involvement towards the interactive academics .Moreover at present, many students are actively participating in the events that are held on and off-campus and accordingly there are lot of events conducted in different institutions .so to enable the participants for their easy registration and to gain knowledge about their events and essential. It is tedious to maintain the information about the events, it consume time etc. Hence the automatic system must be the solution. There are many types of events that takes place in the college/university. This system makes aware the pupils of the institutions about the events ,so they can hunt their opportunities. The next problems comes to scenario is the certificate generation and its delivery .Most of the students had to showcase our talents via the certificates only. Hence the finaly delivery of the certificates becomes complex .This is the tedious in the traditional process. This system makes the process the easier one.Coming to the environment ,the entire pressure of the organization and management of the events lies on the staffs. This must be automated. Here comes the solution for the approval and forwarding process to be handled with single button.

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II.OBJECTIVES

1.The main objective of this project is performs the tasks of developing web application that enables faster processing of events relateddata.

2.It enables the E-approval of the certificates to be authorized by the respective administrators/authorities.

III. LITERATURE SURVEY

[1]Dastgirpojee,FarooqShaikh,VishalKuvar,FahimRarh,Mohd.AbbasMeghani Department of computer engineering,Rizvi college of engineering,Bandra,Mumbai "Multiplatform college management framework"

This project aims at digitizing and thus alleviating the amount of work that is put in managing all the records by a college or university. Multi-Platform College Management Framework (MP-CMF) facilitates the users with an online paper checking
module, an attendance module and a digital notice board. Along with this, it further succors maintaining and updating student's data with minimal human efforts. This system thereby reduces data redundancy and prevent data inconsistency. An API is also available with the system which makes it a multiplatform entity.

[2]"Automated Batch Certificate Generation and Verification System Ahmed":(2017)

Nowadays several numbers of certificate generation and verification systems have been developed to take the bite out of difficulties faced in the manual system and minimize the processing time for generating a certificate. These systems are functioning based on the predefined template and predefined template format by the system developer. However, some systems allow end-user to define template and template format by the use of XML. The technology mentioned above requires an end-user to have minor knowledge of XML to be able to define template and template format. This research work enables an end-user to define certificate template and template format without the requisite of XML knowledge by clicking few buttons and typing from the system GUI, verifying the certificate and generating one or more certificate(s) simultaneously in an instantaneous manner.

Keywords : Certificate, Certificate Generation, Certificate Template, Certificate Verification, Participant, Template Format.

[3] Mahfudzah Othman Faculty of computer and mathematical sciences ,Department of Computer science university teknologi MARA perils,Malaysia "Event Management – a Special Kind of Project Management":(2013)

Event management is a strong and fast growing profession with a rather low level of standardization. Often we take event management as a part of project management, but we have to consider that event management has very specific concepts and issues, and needs further developed methods and tools. We classify events, we compare project management and event management, we reconsider standards in both areas, and discuss perspectives for a stronger standardization of event management in the future.

Keywords—event management; event management Body of Knowledge; standards; project management

Benefits:

1. Events can be classified
2. Scheduling can be done

[4]"An Adaptation of the Web-based System Architecture in the Development of the Online Attendance System":(2012)

Students' attendance records are important documents for academic institutions that reflect the students'

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performances and the credibility of the academic institutions. Nevertheless, the process of managing these documents had been done manually, by pen and papers thus making it less efficient. This paper discusses about the development of the new Online Attendance System as the enhancement of the previous developed system named Attendance Register System for higher academic institutions in Malaysia. The new online system is being developed by adapting the concept of the web based system architecture. The web-based system architecture used in the development of this system involves integration of various open source web-based technologies such as MySQL, PHP and Apache Web Server hence making the Online Attendance System more efficient and cost effective. The development of the Online Attendance System involves four main phases which are the construction of the conceptual framework where the scopes and requirements as well as the target users of the system had been identified, developing the proposed system's architecture by adapting to the web-based architecture, and the construction of the logical design and the physical design. The Online Attendance System consists of automated processes such as able to generate online attendance reports, warning letters and graph charts thus making the processes of recording and reporting the students' attendances more efficient and well-organized. Keywords; web-based system architecture, students' attendances, Online Attendance System

Benefits:

Attendance can be used for certificate generation.

[5]"Easy Village Providing Online Certificate's":(2017)

Easy village is an application, providing the facilities for applying online application to the government office. However, there have been already some facilities for applying online but it is limited in number of certificates & direct verification is to be needed. In Easy village application it assures that all the verification will be provided by online and after completion of verification processes, then certificates will be given to the corresponding customer through online. And the customer can download the certificates through the easy village application.

Keywords— Android application, Online certificates, Village office

Benefits:

Easy approval Process

IV.PROPOSED SYSTEM

- The proposed system takes the initiative steps to build web application for event management that enables the approval process.
- The system distinguishes between the inter and intra participants and maintain a seperate databases.
- Certificates can be generated after the approval.
- The system reduces the workload for the intra participants by fetching their details from the existing students database. They needn't to enter their details the events.
- Attendance is ensured by the respective evencoordinator ,this attendance record can be used for the certificate generation for the participants.

V.SYSTEM DESIGN

The figure 5.1 is the architecture diagram of event management system with advanced features using e-approval. In that student selects the event in that number of events will be displayed. After that selects the type of participants in that two fields will be displayed. If it is intra means participant details will be fetched from the student database which is available in the college, inter means registration module will be displayed then participant will give their details through online. Those details are stored in the participant database. Participant database displays participants to the event-coordinator. Event coordinator ensures attendance to the participants and generates certificate through higher authorities. Then Event coordinator decides winner. This process is approved by the event-coordinator

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then it is given to the HOD. After HOD's approval, it is passed to principal. Then principal will give approval and the certificate is generated and it is converted to pdf format then it is mailed to the respective participants. The template used for the certificates will be given by the template database.

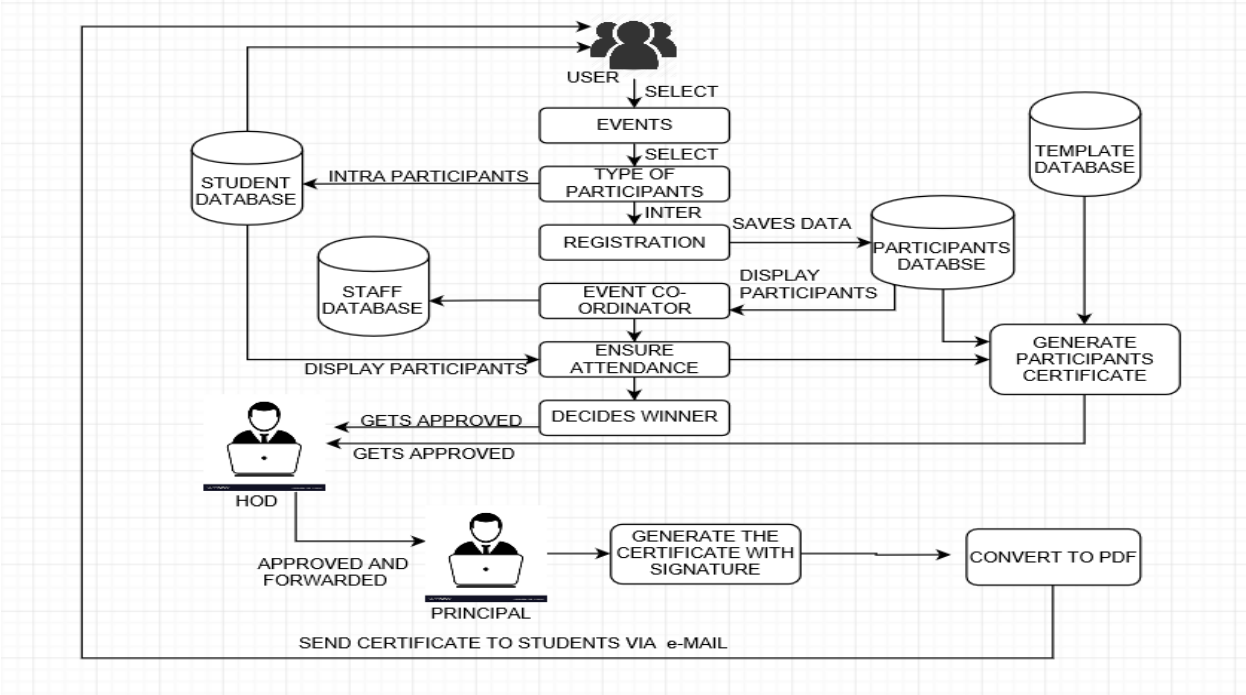

Figure No. 5.1 Overall architecture diagram of event management system with advanced features using e-approval.

VI.METHODOLOGY

i. SELECTION OF EVENTS

The events are listed for the participants as the participants can select the desired events. Their details are directed to the participants database.

ii. CATEGORIZATION OF PARTICIPANTS

The participants are categorized as inter and intra participants needn't to enter the details again, their details are fetched from student database of the university . The inter participants has to enter their details are stored in participant database.

iii.ATTENDANCE

The attendance module ensures the presence of the participants. The event co-ordinators has to mark the presence of the participants who attends the event from the participant database details. The attendance can be used for the certificate generation.

iv.APPROVAL BY AUTHORITIES

The winners are declared by the event co-ordinator forwarded to the authorities . The authorities has to

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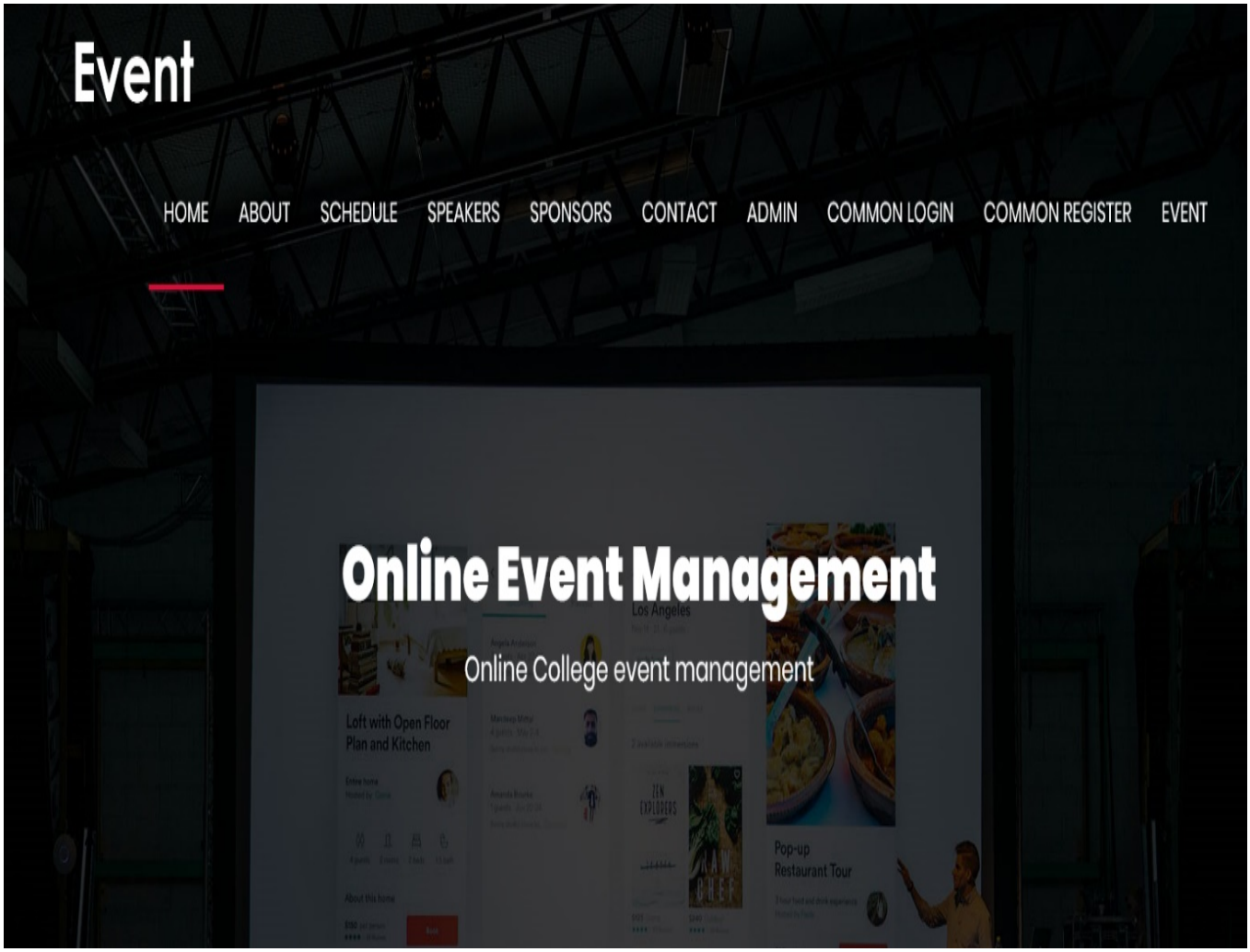
verify and provide the approval.

v.GENERATION AND DELIVERY OF CERTIFICATE

The templates are fetched from the template database, the participants details are filled and get approved by the authorities. After the approval the certificate are forwarded to the respective students to their email address by SMTP protocol.

VII.OUTPUT



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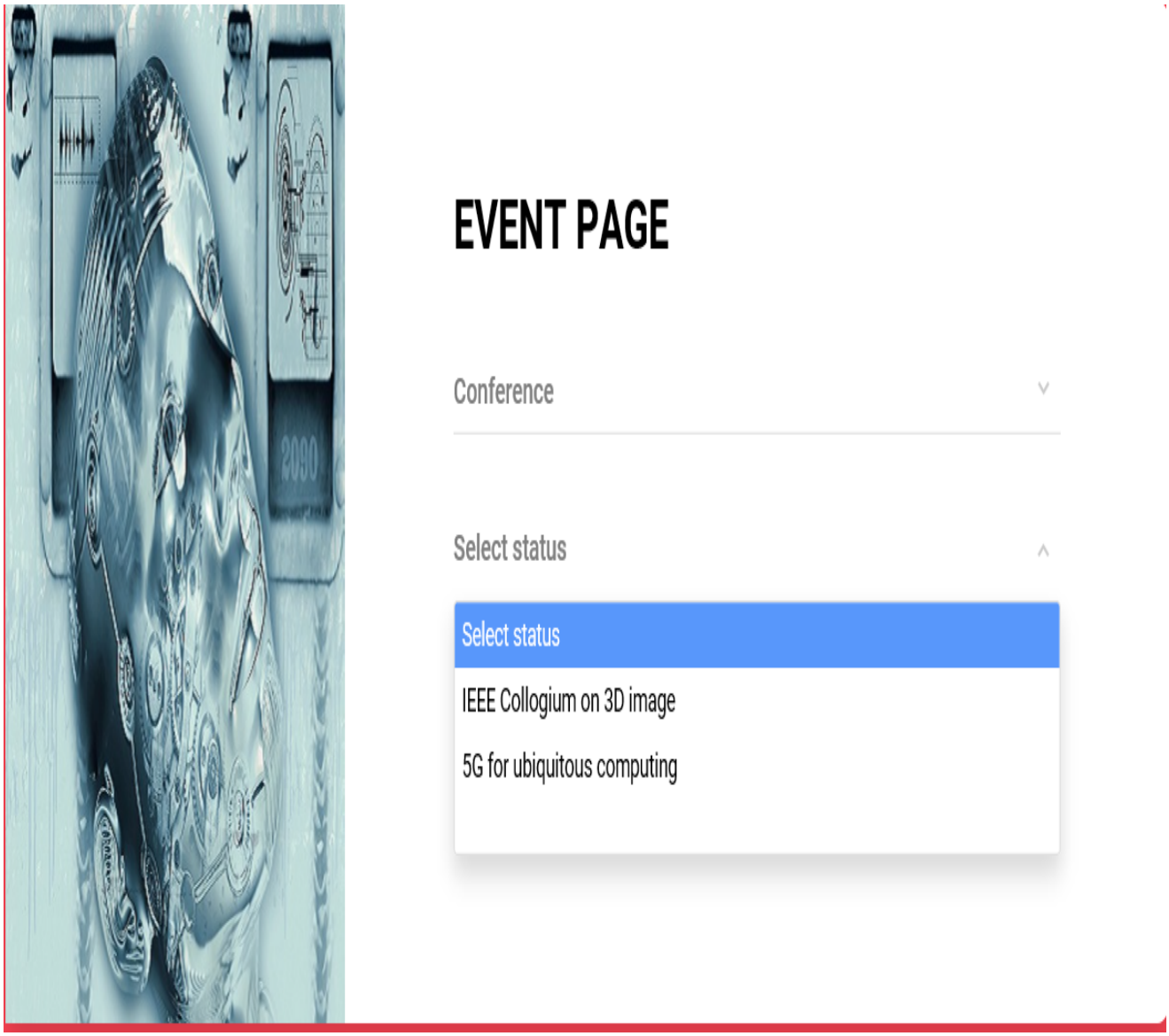

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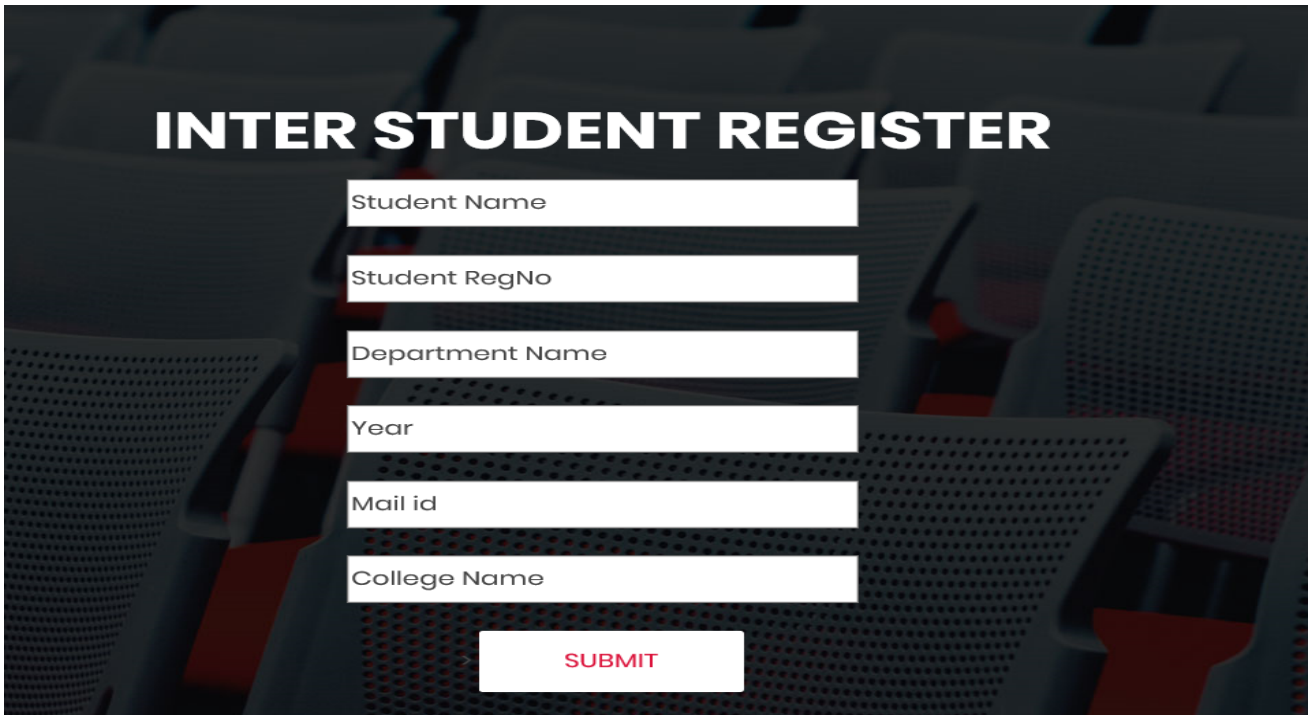

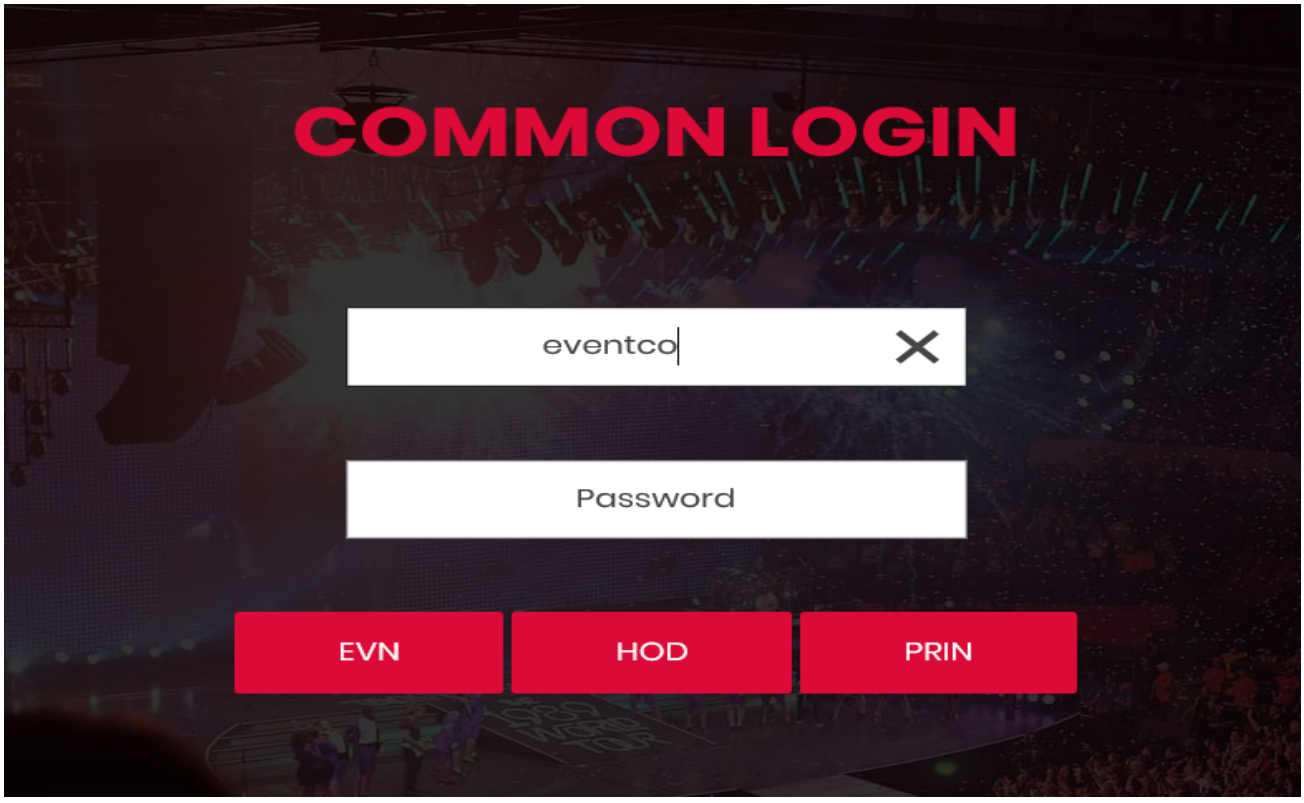

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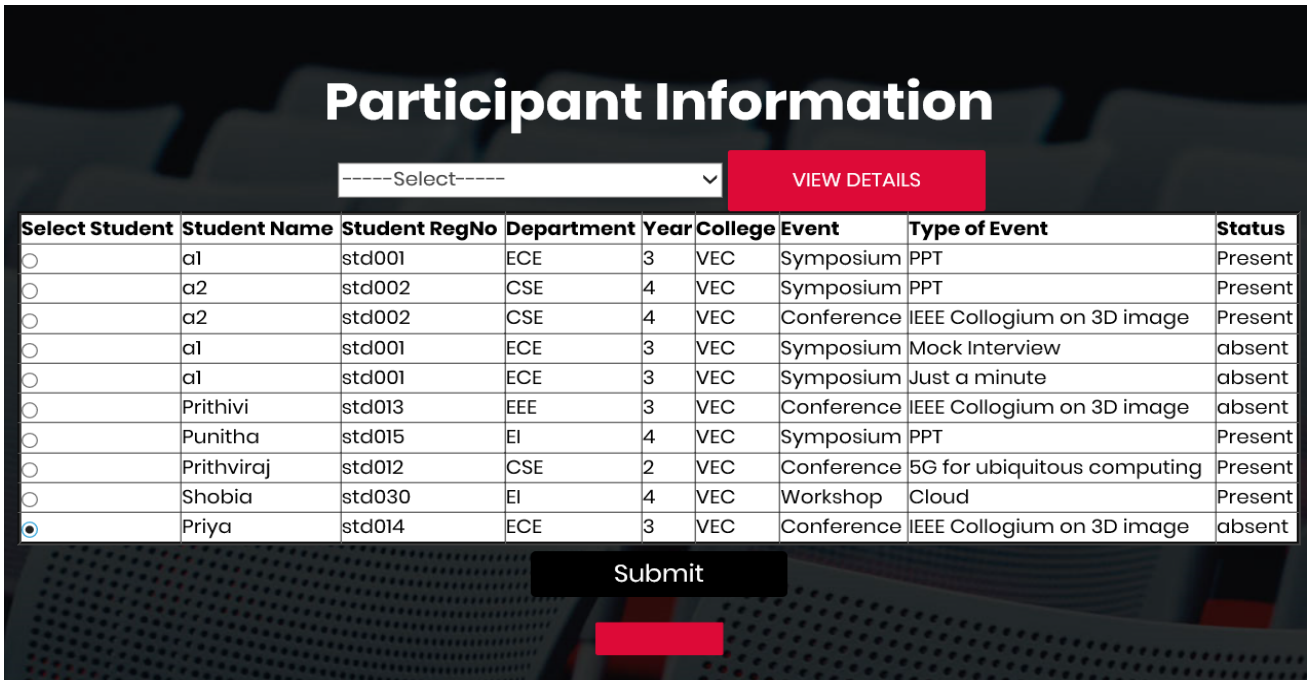


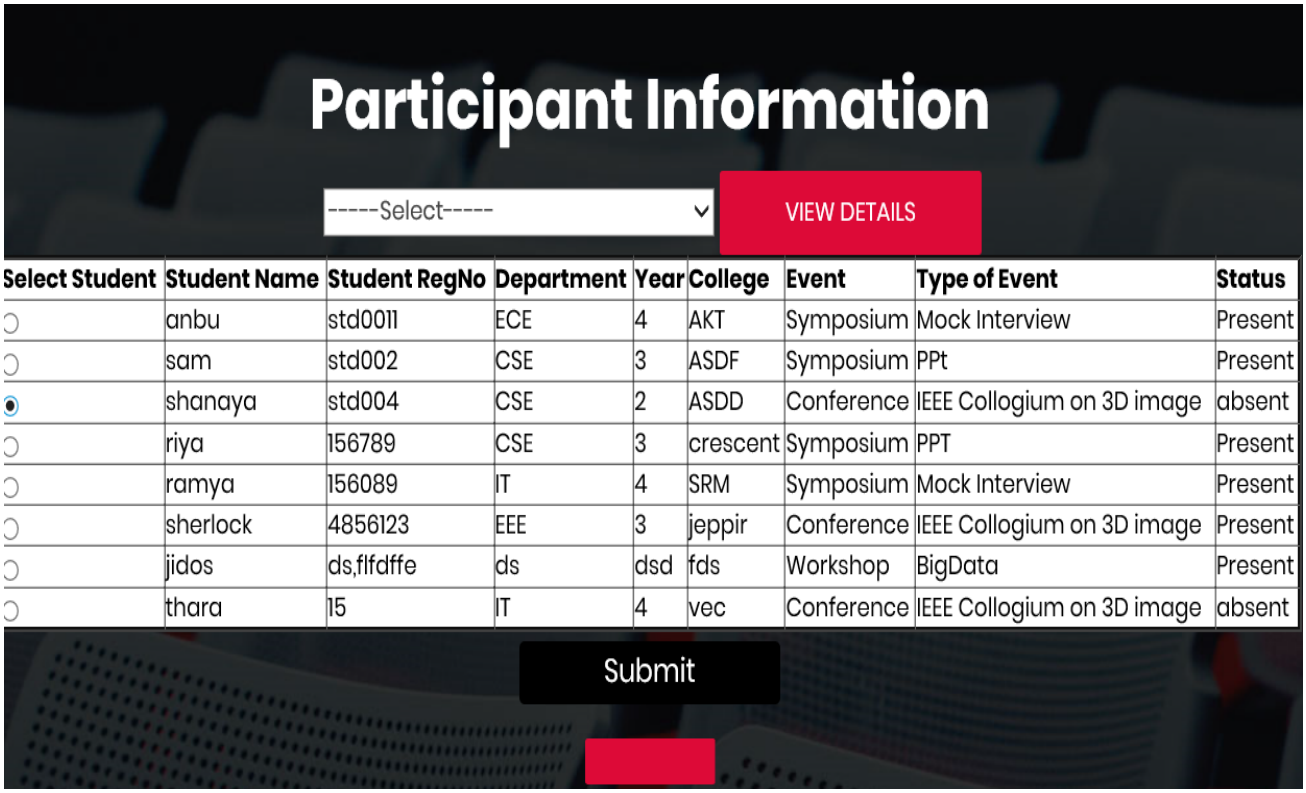
Participant Information

-----Select-----

VIEW DETAILS

Select Student	Student Name	Student RegNo	Department	Year	College	Event	Type of Event	Status
○	a1	std001	ECE	3	VEC	Symposium	PPT	Present
○	a2	std002	CSE	4	VEC	Symposium	PPT	Present
○	a2	std002	CSE	4	VEC	Conference	IEEE Collogium on 3D image	Present
○	a1	std001	ECE	3	VEC	Symposium	Mock Interview	absent
○	a1	std001	ECE	3	VEC	Symposium	Just a minute	absent
○	Prithivi	std013	EEE	3	VEC	Conference	IEEE Collogium on 3D image	absent
○	Punitha	std015	EI	4	VEC	Symposium	PPT	Present
○	Prithviraj	std012	CSE	2	VEC	Conference	5G for ubiquitous computing	Present
○	Shobia	std030	EI	4	VEC	Workshop	Cloud	Present
◉	Priya	std014	ECE	3	VEC	Conference	IEEE Collogium on 3D image	absent

Submit



Participant Information

-----Select-----

VIEW DETAILS

Select Student	Student Name	Student RegNo	Department	Year	College	Event	Type of Event	Status
○	anbu	std0011	ECE	4	AKT	Symposium	Mock Interview	Present
○	sam	std002	CSE	3	ASDF	Symposium	PPt	Present
◉	shanaya	std004	CSE	2	ASDD	Conference	IEEE Collogium on 3D image	absent
○	riya	156789	CSE	3	crescent	Symposium	PPT	Present
○	ramya	156089	IT	4	SRM	Symposium	Mock Interview	Present
○	sherlock	4856123	EEE	3	jeppir	Conference	IEEE Collogium on 3D image	Present
○	jidos	ds,flfdffe	ds	dsd	fds	Workshop	BigData	Present
○	thara	15	IT	4	vec	Conference	IEEE Collogium on 3D image	absent

Submit

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VIII.CONCLUSION

The participants are categorized as the iner and intra participants. The intra participants needn't to enter the details again ,their details are fetched from the student database of the university. The inter participants has to enter their details and register for the events. The entire details are stored in participants database.

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