

An  
Industrial Training Seminar Report  
on  
**“Online College Event Portal”**  
Submitted in partial fulfillment of the requirement for the award of the  
Degree of  
Bachelor of Technology  
in  
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## **ABSTRACT**

This project is an online solution for an upcoming college fest. Interested people will visit the site which contains a home page showing information about the college and its fest.

There is an event calender which shows the all the events date wise so that they get an idea of the schedule of events. There is a Sponsors Page which lists all the sponsors and partners. The contact us page lists various means by which people can reach out to the organisers with their queries or also fill in a query form. The about us page gives a brief history and insight of the fest and college. The register page allows interested users to register for the fest.

An activation link will be sent after successfull registration. Users after activation can login from the Login Page. Successful login will lead the user to his/her profile where they can update their details.

Clicking on the events tab will lead to a page which lists Un-registered and already registered events separately. User can de-register from any of the registered events from that page. Clicking on any of the unregistered events will show them the schedule, details and the rules of the event. User can can register for any of the event they wish to register by clicking on the register button.

A windows service also runs in daily mode which sends users emails reminding them of the schedule of their that day's registered events.

# **INTRODUCTION**

### **1.1 Inception**

Online College Event Portal software is developed for student events of Mody University. It facilitates to access the events information of a particular fest of the college, and to participate in those events. The information is fed into the database by the admin, which will be provided by event leaders, the dates, eligibility, etc. There will be timely updates on profile, events and email reminders.

### **1.2 Purpose**

The purpose of developing Online College Event Portal is to computerize the tradition way of handling events where people have to be physically present to either get information, register themselves, get list of events, etc. Another purpose for developing this software is to generate the reminders automatically at the day of the event for registered people.

### **1.3 Scope**

The scope of the project is on supported browsers preferably the latest versions of safari, chrome, explorer, Firefox, etc. Modifying the system is limited to administrators on whose stations the software is installed, i.e. the project is developed as a web based application..

### **1.4 Technology Used**

#### **I. Technologies**

XHTML5 ,CSS3 and ASP.NET is used to design the UI or Presentation Layer.  
C# , .NET Framework 4.0 is used in the controller or business layer. Windows Service.exe is also built in .NET Framework 4.0 enabled project.  
SQL, PL/SQL, Windows Server 2008 R2 is used in the data layer.

## **II. Tools and IDEs**

The UI /presentation layer and control layer is designed by using Web Application Project in Microsoft Visual Studio 2012 . The data layer is designed in Microsoft SQL Server Management Studio. Service is created in a Windows Service Application Project in Microsoft Visual Studio.

Backend:-Microsoft SQL Server 2008

### **1.5 System Requirement**

RAM:-512 MB

Hard Disk:-20 GB

Processor:-Intel Core i3/i5

Operating System:-Windows XP/7/8/10

**1.6 Overview** It is required to develop a system that will manage all the situations mentioned below i.e :

- An interface where students register and login to their profile to handle their events.
- Display list of events along with their dates, information, eligibility, participants, etc.
- Interface to register or deregister for the events.
- Automatic E-mail windows service which participants of their day's events.
- A contact page through which any visitor can send in their query.

### MODULE OF SYSTEM

The different modules are:

1. Profile handler
2. Notification service

#### 2.1 Module 1: Profile Handler

- The participants need to register first.
- The participants can view and modify their handle.
- The list of events, their description, dates and other information.
- Option of registering for an event.
- Option of deregistering for an event.

#### 2.2 Module 2- Notification Service

- An activation link is sent on email after registration, clicking on which verifies the email address, after which the user can access his/her account.
- A windows service runs in the background which notifies the participants of their registration or de-registration so that unauthorised access can be blocked.
- Students also get notification from time to time for the Events so they have registered for, and on the day of the event.



**FEASIBILITY STUDY**

**3.1 Economically Feasibility**

The system being developed is economic with respect to School or College's point of view. It is cost effective in the sense that has eliminated the paper work completely. The system is also time effective because of everything is automated. The result obtained contains minimum errors and are highly accurate as the data is required.

**3.2 Technical feasibility**

The technical requirement for the system is economic and it does not use any other additional Hardware and software. A browser is required to access it whether it be on desktop or mobile. The portal is mobile compatibles well.

**3.3 Behavioural Feasibility**

The system working is quite easy to use and learn due to its simple but attractive interface. User requires no special training for using the portal.

## EXISTING SYSTEM vs. PROPOSED SYSTEM

### 4.1 Reasons for not using Existing System

- In the present, all work is done manually.
- The whole session events is stored in register and at the end of the session the reports are generated.
- People registering and de-registering again and again is difficult to handle manually.
- No reminders can be sent.
- This system is very inefficient if the data is not maintained properly.
- Every work is done manually so we cannot generate report in the middle of the event or as per the requirement because it is very time consuming.

### 4.2 Characteristics of Proposed System

- **User Friendly** The proposed system is user friendly because the retrieval and storing of data is fast and data is maintained efficiently. Moreover the graphical user interface is provided in the proposed system, which provides user to deal with the system very easily.
- **Reports are easily generated**-reports can be easily generated in the proposed system so user can generate the report as per the requirement (monthly) or in the middle of the session. User can give the notice to the participants so he/she is aware by regular email notification.

- **Very less paper work** The proposed system requires very less paper work. All the data is fed into the computer immediately and reports can be generated through computers. Moreover work becomes very easy because there is no need to keep data on papers.

- **Computer operator control-** Computer operator control will be there so no chance of errors. Moreover storing and retrieving of information is easy. So work can be done speedily and in time.

## Chapter- 5

# PROCESSES AND PROCEDURES

### 5.1 Description of Processes

#### 1. Registration Process:

This process registers a new user, i.e. stores his profile and contact information. Some of the entries like username and email must be unique for successful registration. After registration the user information is stored in a master table named TBL\_MST\_USER in the database.

#### 2. Activation Process:

After the user has registered, an unique activation code is generated for the user and stored in a table TBL\_TRN\_USERACTIVATION in the database. The user is sent a mail containing the link to activate his account. After successful activation, the code is deleted from the database.

#### 3. Login Process:

This process checks the username and password for the authentication. Only registered users who have activated their account will be allowed to login. The credentials are checked from the table TBL\_MST\_USER. If credentials don't match, they are asked again.

#### 4. Profile Manager:

This process will allow users to view their personal profile and also be able to update any changes which will be updated in the database table as well. They can view their last login so that they know that only they are accessing their profile. The login transaction is maintained in TBL\_TRN\_LOGIN.

## 5. Events Dashboard:

User will be able to view the events un-registered and already registered events separately. Clicking on de-register button in front of any already registered event will de-register the user and update the events transaction table i.e.

TBL\_TRN\_EVENTS.

## 6. Event Registration Process:

Users will be able to view all the event details retrieved from the table TBL\_MST\_EVENTS such as schedule, details, and rules. If interested, they can register. An email will be generated and sent as a confirmation. They can easily de-register as well. The event transaction is updated in TBL\_TRN\_EVENTS.

## 7. Event Reminder Process(Service):

This is a windows service which runs automatically in Daily mode.

This service checks the TBL\_TRN\_EVENTS for any event that is scheduled for that day of any user by matching that day's date from the TBL\_MST\_EVENTS.eventdate and sends an email reminding users of that day's registered event by retrieving TBL\_MST\_USER.email. The smtp used is gmail and the port is 587.

## 5.2 Procedures

### I. UserInformation

This stored procedure fills data in TBL\_MST\_USER which user enters while registering. Also checks constraints like whether username and email are unique or not.

### II. ActivateUser

This procedure matches the activation code from the link that user clicks to the activation code stored in TBL\_TRN\_USERACTIVATION and deletes the entry if the code matches, thus activating the user. It also inserts a row in TBL\_TRN\_LOGIN where lastlogindate is set to null.

### III. ValidateUser

This procedure validates whether the credentials provided by the user matches with the credentials stored in the TBL\_MST\_USER. If it matches, then checks whether user is activated by checking whether there is a row which contains user's id and activation code in TBL\_TRN\_USERACTIVATION. If doesn't exist then allows the user login otherwise asks user to activate account first.

### IV. AddEventTrn

This stored procedure stores event transaction in TBL\_TRN\_EVENTS when user registers for an event. It checks whether user has already registered or not; if not, then successfully registers.

### V. DelEventTrn

This procedure deletes an event transaction from TBL\_TRN\_EVENTS when user de-registers for an event.

### VI. AddQuery

This procedure stores the queries of users with name and email visiting the site in the TBL\_MST\_QUERY so that for each query, the administrator can revert to the user by answering his/her query on mail.

## Chapter- 6

### FLOW OF PROCESSES

#### 6.1 Process Flow

- |        |   |
|--------|---|
| Step:1 | Register user and send account activation link to users's registered email.   |
| Step:2 | If account is activated then allow user to login or else notify to activate account before accessing profile.                         |
| Step:3 | If login successfull then go to next step, otherwise ask for correct user credentials again.  |
| Step:4 | User profile is shown. User updates the profile if required else goes next to events dashboard.                                       |
| Step:5 | Events Dashboard shows a list of both events open for registration and already registered events for the logged in user separately.   |
| Step:6 | User checks the events open for registration, gets the event detail, schedule and rules.  |
| Step:7 | If interested, user registers for the event and user events is updated. A registration confirmation mail is also sent to the user.    |
| Step:8 | User checks the already registered events and if wishes can de-register for any of the event. The user events record is then updated. |
| Step:9 | Exit.   |

#NOTE: A Windows Service runs behind automatically in DAILY mode which sends all the users a reminder of that day's events for which the users have registered.

## 6.2 Flowchart

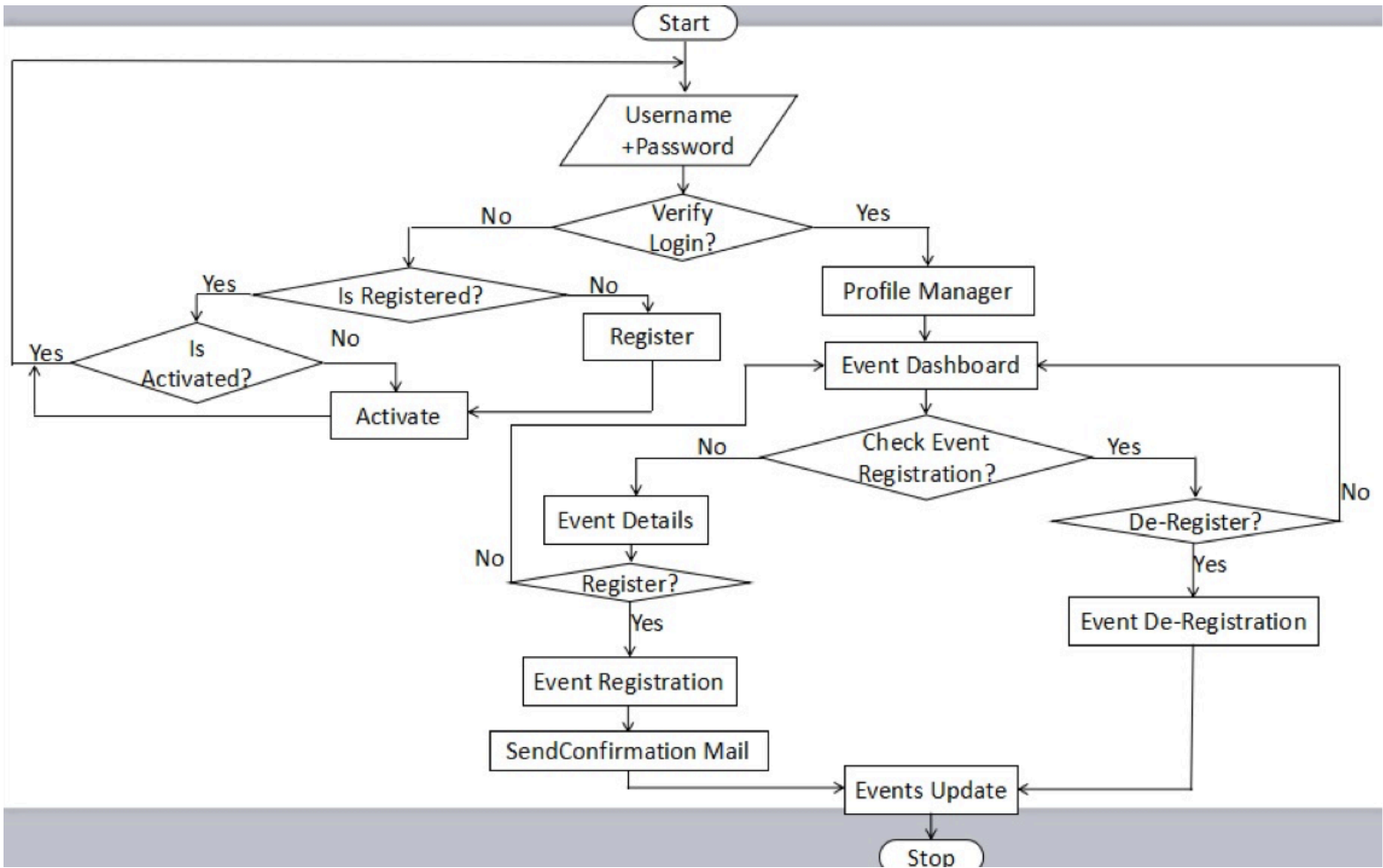


Fig 6.2.1 Flowchart of Events Portal



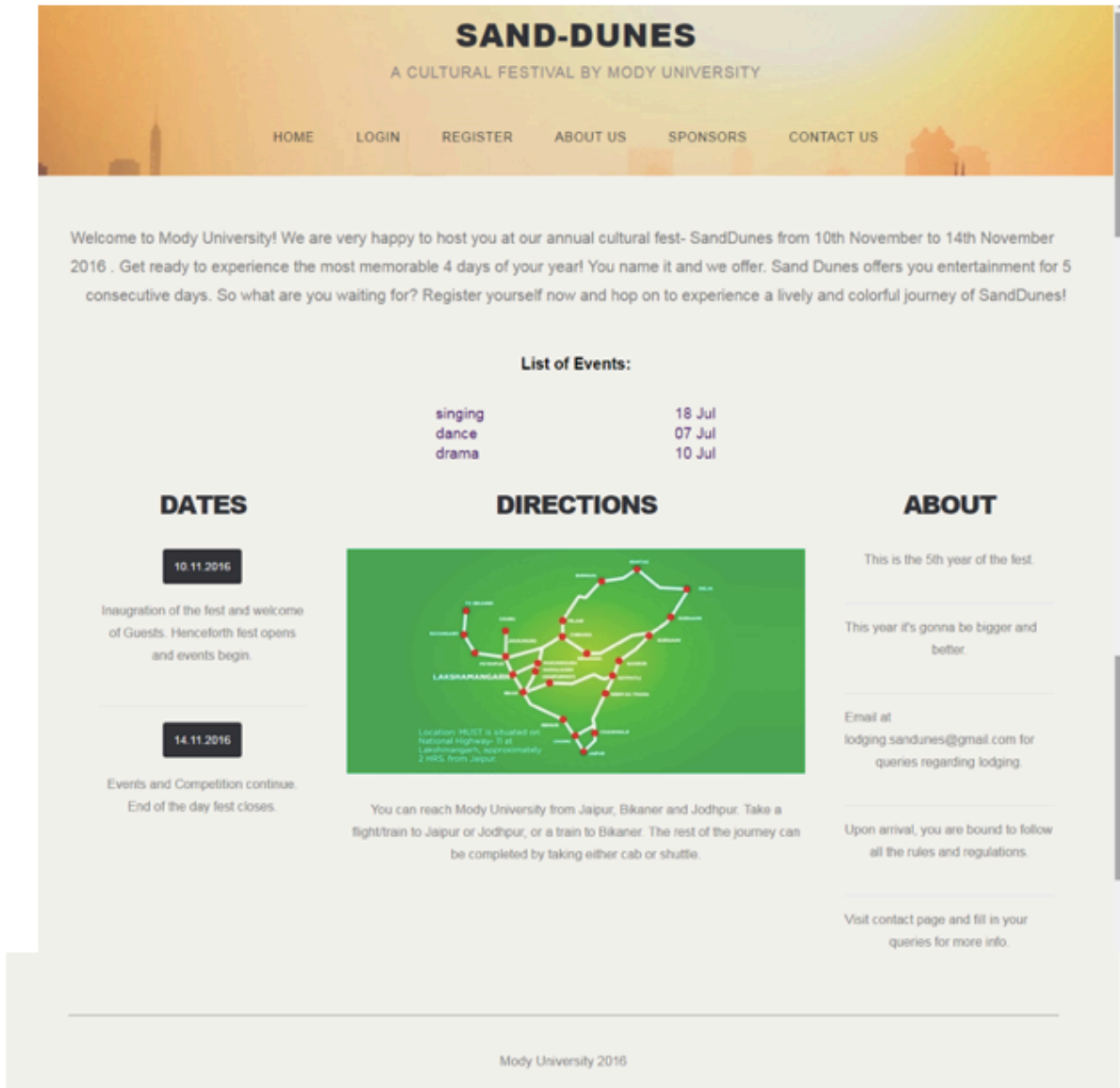
## **CONCLUSION**

The Online Online College Event Portal is developed using .NET framework (C# and Asp.NET) fully meets the objectives of the system which it has been developed. The system has reached a steady state where all bugs have been eliminated. The system is operated at a high level of efficiency and all the participants and user associated with the system understands its advantage. The system solves the problem it was intended to solve as requirement, i.e. manage and handle the events efficiently.

## SELF ASSESSMENT REPORT

| S.NO | Student Outcome   | Rate Yourself (1-5) |
|------|---|---------------------|
| 1    | An ability to identify, formulates, and solves engineering problems by applying principles of engineering, science, and mathematics.  | 4                   |
| 2    | An ability to apply both analysis and synthesis in the engineering design process, resulting in designs that meet desired needs.  | 3                   |
| 3    | An ability to develop and conduct appropriate experimentation, analyse and interpret data, and use engineering judgment to draw conclusions.  | 4                   |
| 4    | An ability to communicate effectively with a range of audiences.  | 3                   |
| 5    | An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts. | 4                   |
| 6    | An ability to recognize the ongoing need for additional knowledge and locate, evaluate, integrate, and apply this knowledge appropriately.  | 4                   |
| 7    | An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyse risk and uncertainty.   | 4                   |

## APPENDICES



## Home Page

# SAND-DUNES

A CULTURAL FESTIVAL BY MODY UNIVERSITY

[HOME](#)[LOGIN](#)[REGISTER](#)[ABOUT US](#)[SPONSORS](#)[CONTACT US](#)

## LOGIN

User Name

Password

LOG IN

[FORGOT YOUR PASSWORD? CLICK HERE!](#)

MODY UNIVERSITY 2016

## Login Page

# SAND-DUNES

A CULTURAL FESTIVAL BY MODY UNIVERSITY

[HOME](#)[LOGIN](#)[REGISTER](#)[ABOUT US](#)[SPONSORS](#)[CONTACT US](#)

## REGISTRATION

Name

Username

Email

Mobile No

Gender

College

Department

Year

Password

Confirm Password

REGISTER

MODY UNIVERSITY 2016

## Register Page

**SAND-DUNES**  
A CULTURAL FESTIVAL BY MODY UNIVERSITY

HOME LOGIN REGISTER ABOUT US SPONSORS CONTACT US

**ABOUT US**

**Genesis**  
Mody University was founded with an idea of making quality education available to the girls around the world. Committed to excellence, the institute seeks to impart knowledge and develop skills in women to become professionals, well versed in modern technology and management practices while imbibing social sensitivity and environmental consciousness for the betterment of self and society.

**Campus Infra**  
Having a well developed infrastructure is very important as far as learning and teaching is concerned. Coming to pursue any programme of study at Mody University turns to almost like a home experience, because when students stay on campus, in the hostels of the University, parents and above all students need not worry about any lodging or staying difficulty. They are very well taken care of.

**Faculty**  
College of Engineering and Technology  
College of Arts, Science and Humanities  
College of Architecture and Design  
College of Business Management, Economics and Commerce  
College of Law and Governance  
College of Fashion Design and Merchandising

Mody University 2016

## About Us

**SAND-DUNES**  
A CULTURAL FESTIVAL BY MODY UNIVERSITY

HOME LOGIN REGISTER ABOUT US SPONSORS CONTACT US

**CONTACT US**

Name

Email

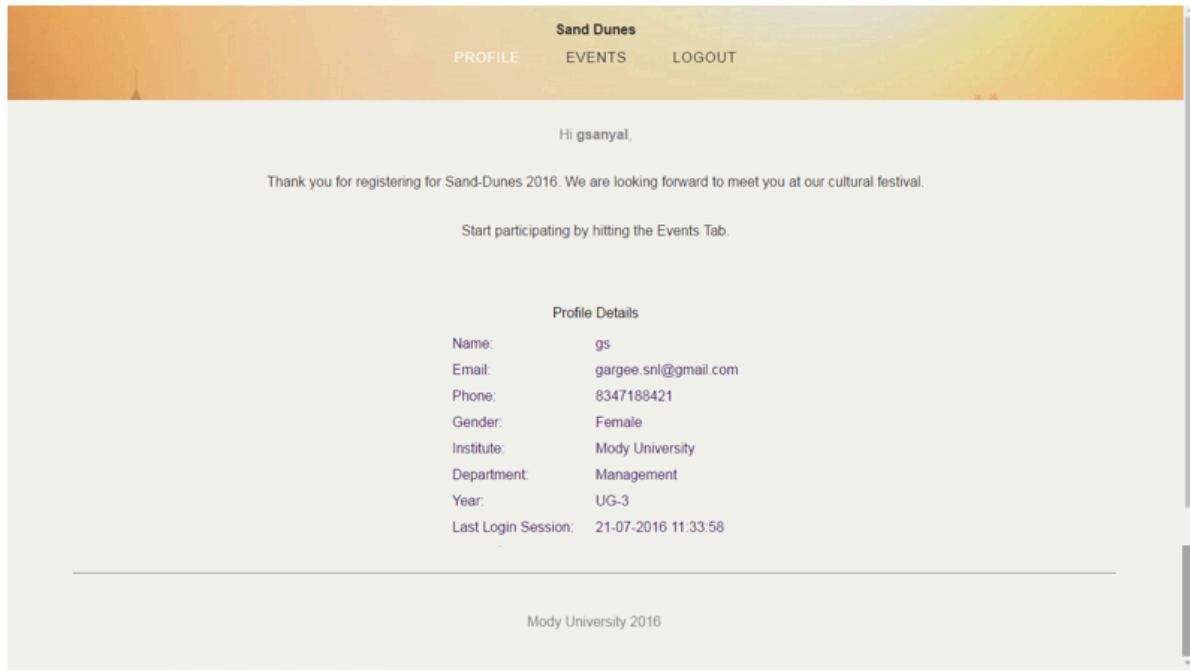
Your Query

**SUBMIT**

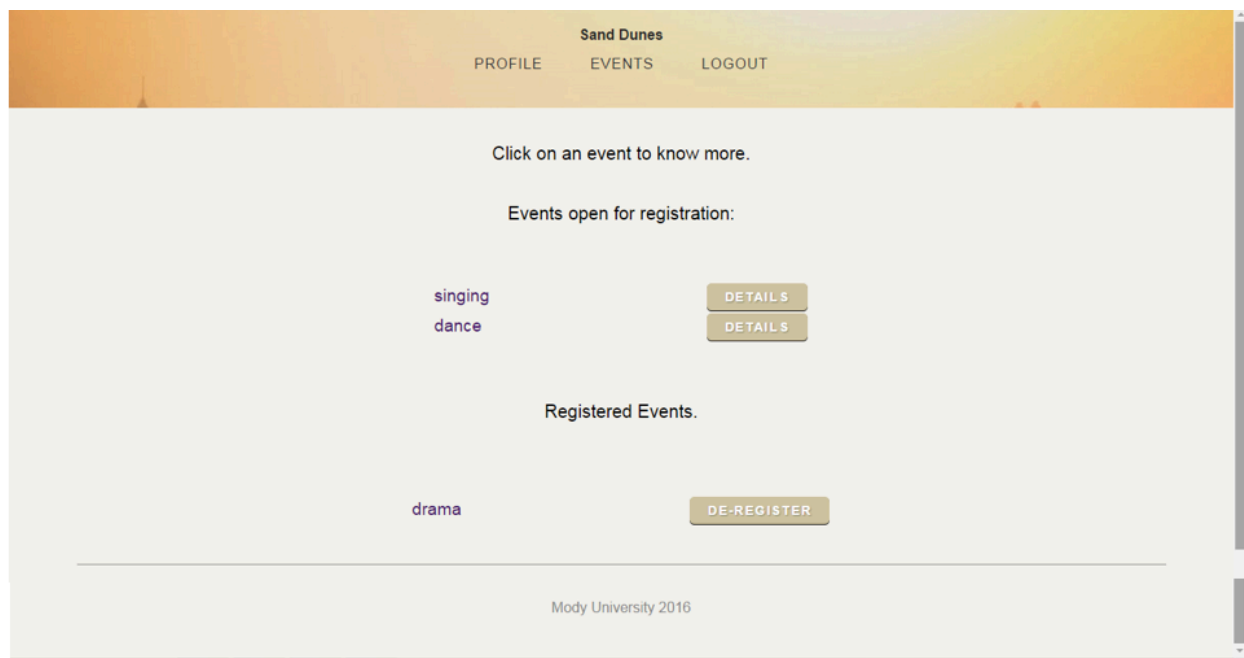
MODY UNIVERSITY 2016

localhost49184/contact.aspx

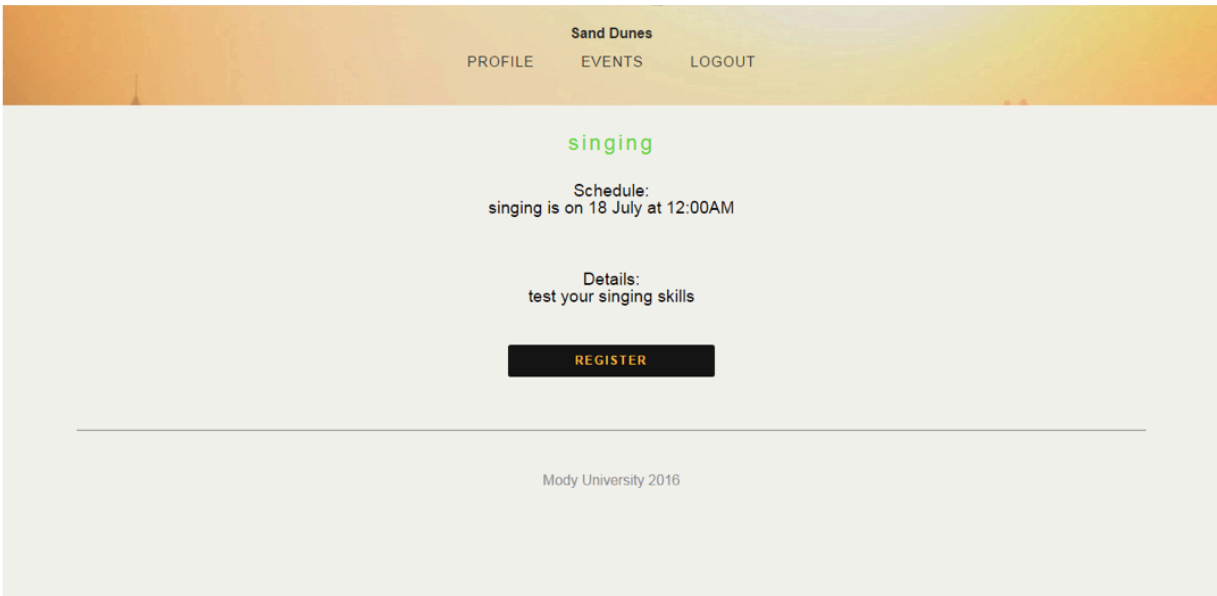
## Contact Us



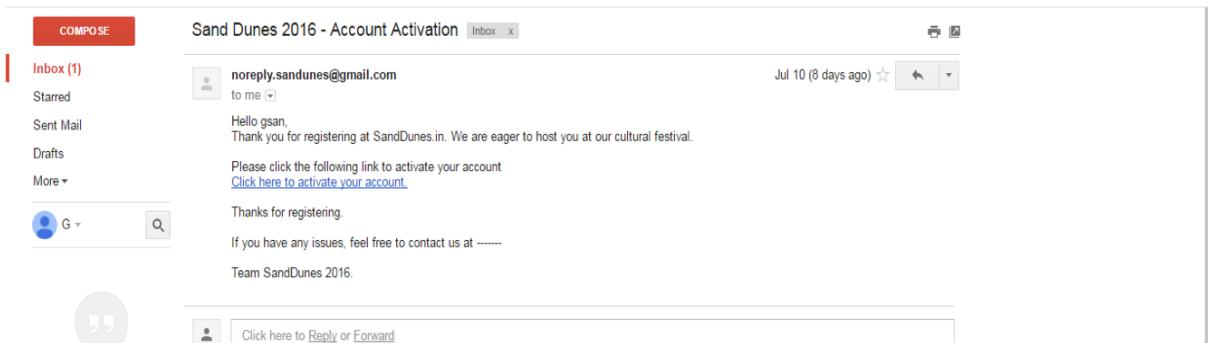
## Profile Handler



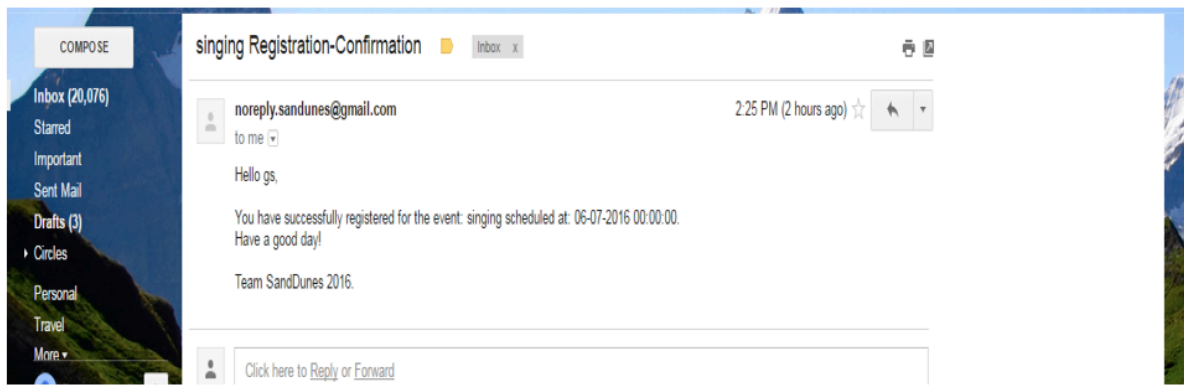
## Events Page



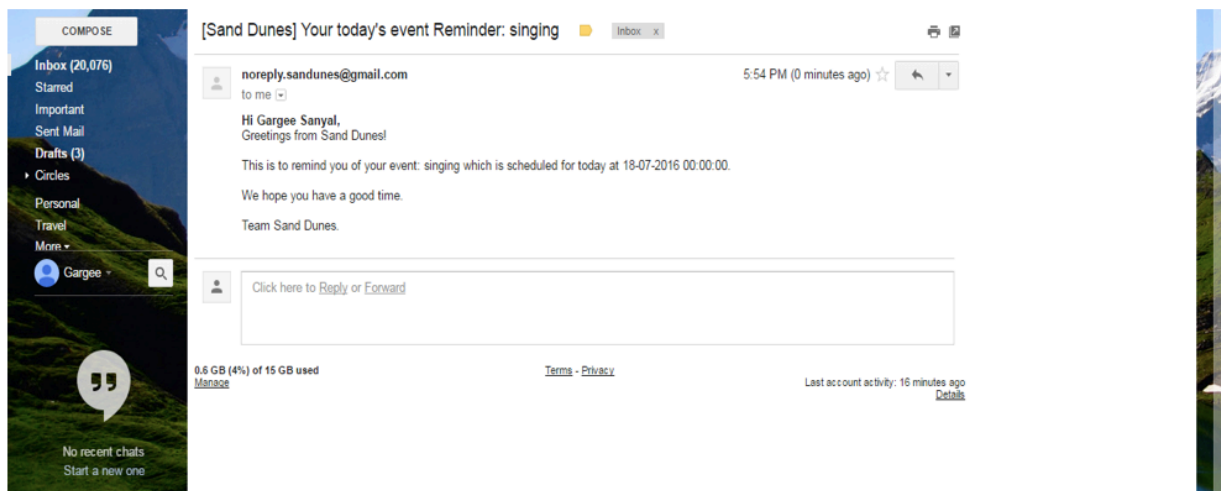
## Event Register Page



## Account Activation Verification Mail



## Event Registration Mail



## Event Reminder Email



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