**Bangalore Institute of Technology**

**K.R. ROAD, BENGALURU-560004.**

**Department of Computer Science and Engineering**

**DBMS Mini Project Synopsis**

**College Event Management System**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USN** | **NAME** | **BATCH** | **PHONE NO** | **E-MAIL** |
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Problem Domain: Education

Lab In-Charges:

20-12-2021

**2021-2022**

**For office use only:**

**Accepted :**

**To be modified :**

**Rejected :**

**Signature of the Lab In-Charges**

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# Title

Event Management System

# Introduction

A Student Result Management System is a system used to manage student result , exam data , subject data , student data and classes data.

The main purpose of this system is to reduce the manual errors and convert result system into computerised system.

Drawbacks of the conventional result management system:-

In conventional result management system, teachers spend a lot of time in writing down the marks scored by a student in a book. This Conventional approach includes maintainance of large records of students, which includes manual procedures like pen-paper work which leads to problems like:-

* Slow Processing
* Student has to approach the department to view his/her marks scored in a subject
* Manual changes in marks is not good looking and highlights correction errors

# Problem Statement

To Develop a system that will manage

* Information about various users
* Information about subjects offered in various semesters
* Marks obtained by students in internals and final exam
* Generation of reports

# Front-end and Back-end tool details

Front-end components:-

* Hyper Text Markup Language [HTML] 5
* Cascading Style Sheets [CSS] 3
* Bootstrap 5

Back-end components:-

* Java[Jakarta Service Packages(JSP)[formerly Java Server Pages]]
* MySQL

# Entity Relationship [ER] Diagram

# ER To Relational Mapping

Category Table

|  |  |
| --- | --- |
| Category\_\_id | Category |

Department Table

|  |  |  |  |
| --- | --- | --- | --- |
| Dept\_no | Dept\_Name | HOD | Contact |

Club Table

|  |  |  |  |
| --- | --- | --- | --- |
| Club\_no | Club\_Name | President | Contact |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Event\_id | Event\_name | Date | Time | Duration | Location | Amount |

Event Table

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Event\_id | Name | USN | Sem | Branch | Phone | E-mail | Payment\_stat |

Participants Table

Department event

|  |  |  |
| --- | --- | --- |
| Event \_id | Category\_id | Dept\_no |

Club event

|  |  |  |
| --- | --- | --- |
| Event\_id | Category\_id | Club\_no |

Company Event

|  |  |
| --- | --- |
| Event\_id | Company\_name |

# Modules

1. Participant module:

In this module, the Participants will enter their details such as USN, Name, Branch, Contact details and pay the prescribed amount (for paid events) and will get themselves enrolled for a particular event.

1. Host module:

In this module, a Host creates a new unique id for their event, enters the details of the event such as Event name, date, time, duration, location and amount to be paid. By doing this the participants will be able to get to know about the event and it’s details.

# Applications

Overcomes the drawbacks of Conventional Event Management System such as no pen-paper work is need to be carried out. Processing will be faster. Also:

* + Participants can easily enroll/disenroll themselves in any event conducted in college.
  + Hosts can easily add and update the details of any event.
  + The data can be stored for a longer time without worrying about the damage caused by any kind of technical prospects.