

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JnanaSangama”, Belgaum -590014, Karnataka.



PROJECT WORK-3 REPORT on

College Event Management System

Submitted by

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Under the Guidance of
Prof. Bhoomika A.P
Assistant Professor, BMSCE

in partial fulfillment for the award of the degree of
BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING



B.M.S. COLLEGE OF ENGINEERING
(Autonomous Institution under VTU)
BENGALURU-560019
Sep-2020 to Jan-2021

B. M. S. College of Engineering,
Bull Temple Road, Bangalore 560019
(Affiliated To Visvesharaya Technological University, Belgaum)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled “**College Event Management System**” carried out by **ABHIJNYA K.G (1BM18CS002)** and **ANKITHA (1BM18CS016)** who are students of **B. M. S. College of Engineering**. It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visveswaraiiah Technological University, Belgaum during the year 2020-2021. The project report has been approved as it satisfies the academic requirements in respect of **Project Work-3 (20CS5PWPW3)** work prescribed for the said degree.

Signature of the Guide

Prof. Bhoomika A.P

Assistant Professor

BMSCE, Bangalore

Signature of the HOD

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Name of the Examiner

Signature with date

1. _____

2. _____

B.M.S. COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DECLARATION

We, **ABHIJNYA K.G (1BM18CS002)** and **ANKITHA (1BM18CS016)** students of 5th Semester, B.E, Department of Computer Science and Engineering, B. M. S. College of Engineering, Bangalore, hereby declare that, this Project Work-3 entitled " **College Event Management System** " has been carried out by us under the guidance of **Prof. Bhoomika A.P**, Assistant Professor, Department of CSE, B. M. S. College of Engineering ,Bangalore during the academic semester Sep-2020-Jan-2021

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

ABHIJNYA K.G (1BM18CS002)
ANKITHA (1BM18CS016)

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1. Introduction

Web application for event management in colleges. This application supports :

- Core members login to registered clubs.
- Users who can register for events and get all the details regarding events and clubs in the college.

Purpose and use:

To get details about the different clubs and be aware of upcoming events organized by them. To know the likes and preferences of users by looking at the number of registrations and sold tickets for particular events.

Plan and organize events.

Functionalities under Admin login

- Sign up and sign in functionalities to a admin.
- View his profile.
- Add a new club once created in the college to the existing club list.
- Add new events to the event list. Admin should give details like name, price, quantity, poster etc and other related details.
- Alter or update existing events.
- Delete an existing event from the event list
- View all booking history done by users.

Functionalities under registering event by any user

- Sign up and sign in functionalities to a user who wish to book for an event.
- Look into various events organized without signing up.
- Look into various events organized by applying different filters like:
 - ✓ Based on club name-Events organized by particular club.
 - ✓ Based on price range
 - ✓ Based on newly arrived events
 - ✓ Based on most booked or popular events
- Register for events based on his/her interest by viewing the details of event which will be added by admin.
- Can do online payment for the booked events.
- Can view booking history and keep track of all events he/she attended.

Technologies and frameworks used

FRONTEND:

HTML, CSS, BOOTSRAP, REACT JS

BACKEND:

NODE JS, EXPRESS

DATABASE:

MONGODB

2. Design Layouts: Screen Shots of WebPages

2.1: Sign up Webpage

Home Book Signin Signup

Signup

signup form

Name
Ankitha

Email
ankithamestha01@gmail.com

Password
....

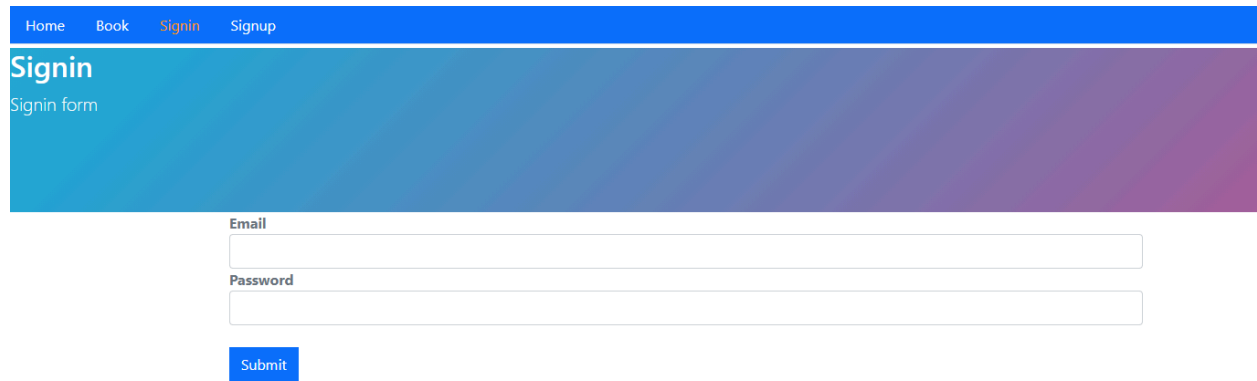
Role ADMIN ▾

Submit

Password must contain at least 6 characters

Fig.1 Login Screen

2.2: Sign in Webpage



The image shows a web interface for a 'Signin' page. At the top, there is a blue navigation bar with links for 'Home', 'Book', 'Signin' (highlighted in orange), and 'Signup'. Below the navigation bar, the page has a teal header with the title 'Signin' and the subtitle 'Signin form'. The main content area is white and contains two input fields: 'Email' and 'Password'. Below these fields is a blue 'Submit' button.

Fig 2. Sign In Page

2.3: Home Page

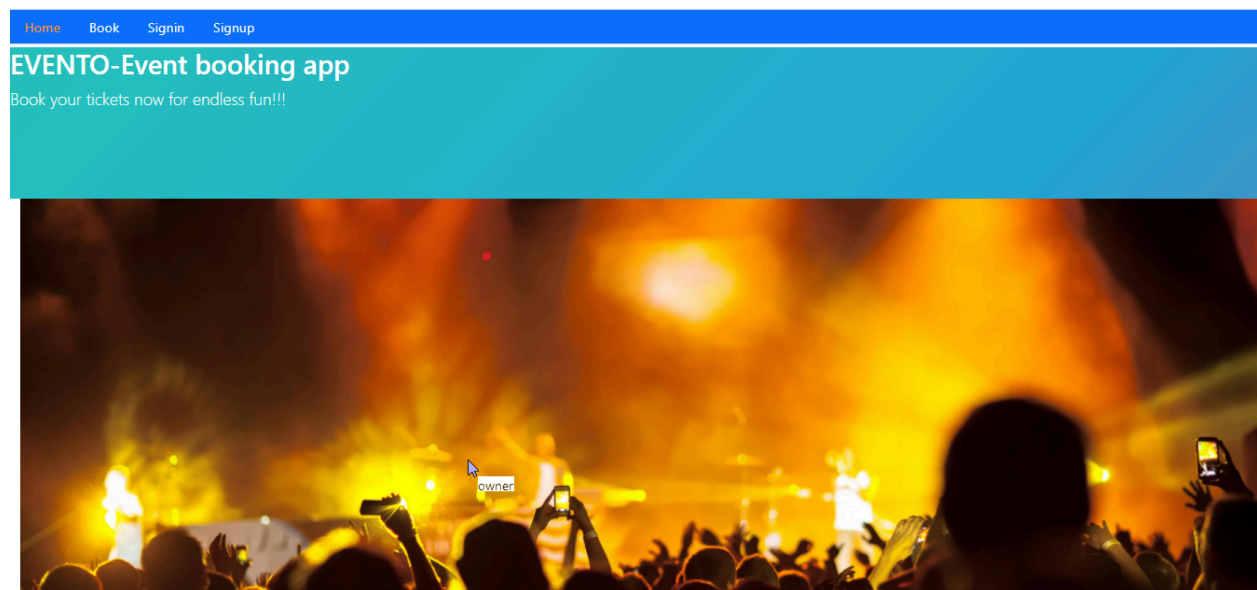


Fig 3. Home Page

2.4: User Dashboard

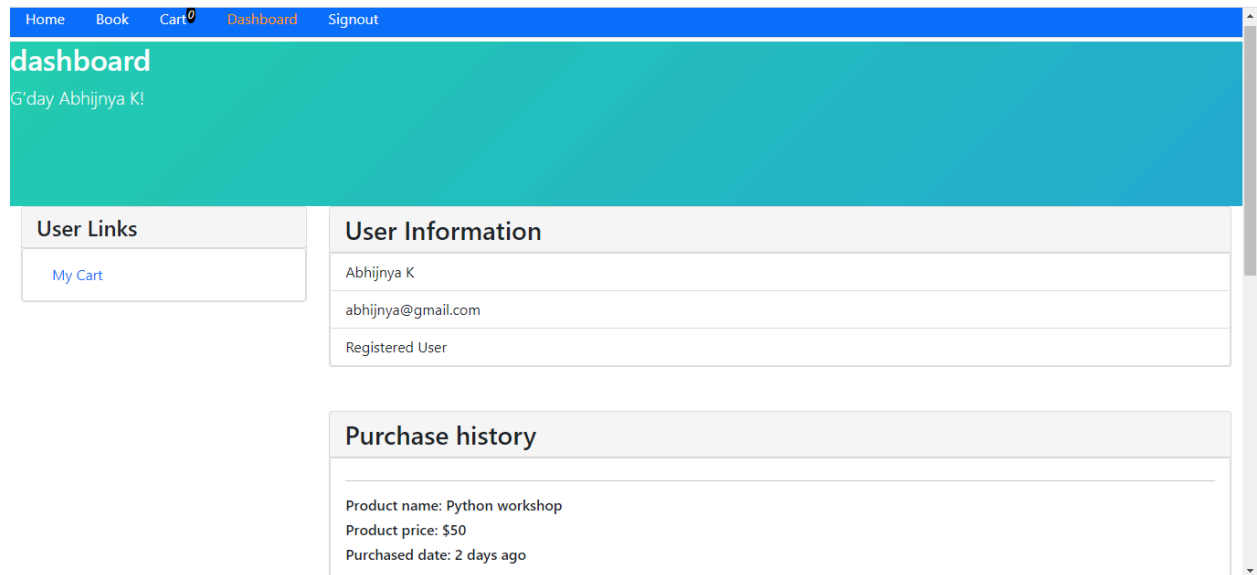


Fig 4.User Dashboard

2.5: Event booking

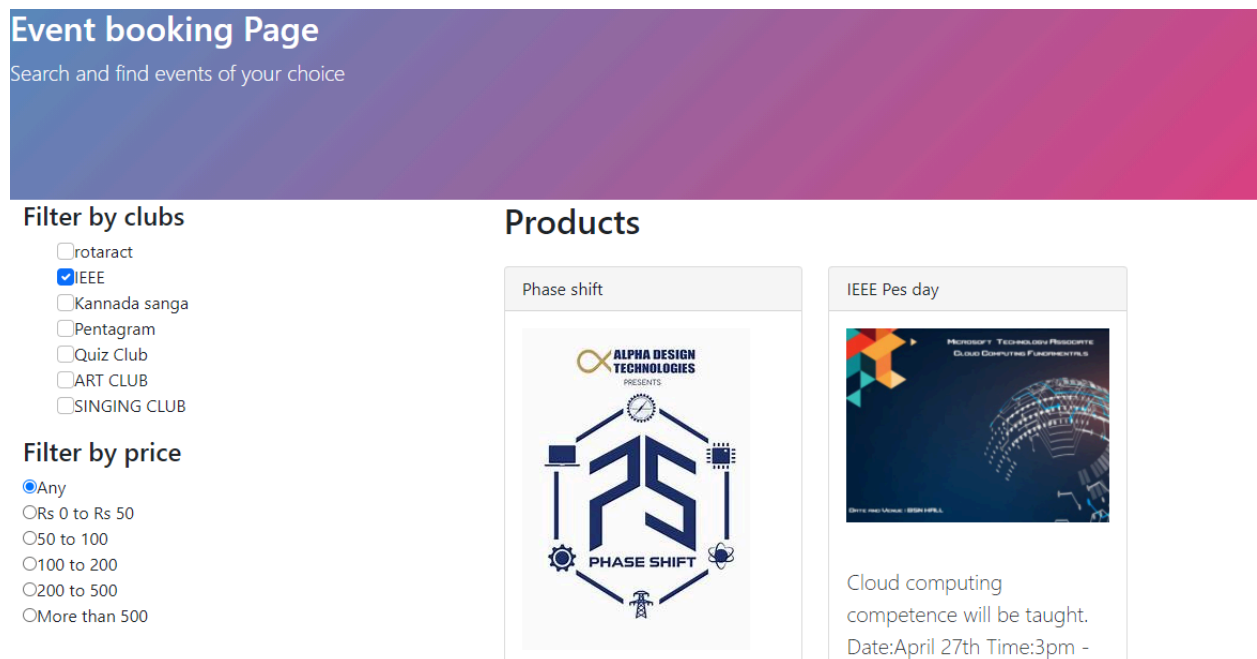


Fig 5.Event booking


2.6: Payment

[Home](#) [Book](#) [Cart](#) [Dashboard](#) [Signout](#)

Book now !!
Add remove checkout or continue booking.

Your cart has 1 items

Art Talent Show



Your cart summary

Total : \$50

Pay with card

VISA

MasterCard

AMEX

Discover

Card Number

4111 1111 1111 2222

This card number is not valid.

Expiration Date (MM/YY)

03 / 33

Pay

Fig 6.Payment

2.5: Admin Dashboard

[Home](#) [Book](#) [Dashboard](#) [Signout](#)

Dashboard
G'day Nikita!

Admin Links

[Create Club](#)

[Create Event](#)

[View the booked events](#)

[Manage Events](#)

User Information

Nikita

nikitha@gmail.com

Admin

Fig 5.Admin Dashboard

2.6: Create club

Home Book Dashboard Signout

Add a new Club

G'day Abhijnya, ready to add a new club name?

Club Name

Create Club

[Back to Dashboard](#)

Fig 6.Create club

2.7: Create event

Home Book Dashboard Signout

Add a new event

G'day Abhijnya, ready to add a new event?

Post Photo

Choose File No file chosen

Name

Description

Price

Club name

Please select

Total seats

Create Event

Fig 7.Create event

2.8: Manage events

Home Book Dashboard Signout		
Manage Events		
Perform CRUD on events		
Total 13 events		
treasure hunt	Update	Delete
open mic event	Update	Delete

Fig 6.Create club

3. Database Table Screen shots

3.1 All Database Table: Description

DATABASE SIZE: 281.89KB		INDEX SIZE: 216KB		TOTAL COLLECTIONS: 4		CREATE COLLECTION
Collection Name	Documents	Documents Size	Documents Avg	Indexes	Index Size	Index Avg
categories	5	443B	89B	2	72KB	36KB
orders	6	1.67KB	285B	1	36KB	36KB
products	12	276.79KB	23.07KB	1	36KB	36KB
users	7	3.01KB	440B	2	72KB	36KB

3.2. Login Users Database Table: Data

```
_id: ObjectId("5fda07ee3a0be172843d8ed8")
role: 0
> history: Array
  name: "Ankitha"
  email: "ankithamestha01@gmail.com"
  salt: "76ad53c0-3fa0-11eb-a394-c1a6fc6efcb9"
  hashed_password: "b465069f9130d88c582027ecfd423a9d83320743"
  createdAt: 2020-12-16T13:13:18.361+00:00
  updatedAt: 2020-12-16T13:13:18.361+00:00
__v: 0
```

```
_id: ObjectId("5fda0ced3a0be172843d8edb")
role: 1
> history: Array
  name: "Nikita"
  email: "nikitha@gmail.com"
  salt: "71310830-3fa3-11eb-a394-c1a6fc6efcb9"
  hashed_password: "806e87050205ef863a81881cf84f3ca97093ccf0"
  createdAt: 2020-12-16T13:34:37.626+00:00
  updatedAt: 2020-12-16T13:34:37.626+00:00
__v: 0
```

3.3. Club names Database Table: Data

```
_id: ObjectId("5fd90041e0741b4ce4ad34bf")
name: "rotaract"
createdAt: 2020-12-15T18:28:17.217+00:00
updatedAt: 2020-12-15T18:28:17.217+00:00
__v: 0
```

3.4. Added Events Database Table: Data

```
_id: ObjectId("5fd8eab7fd793b6e047a0fb0")
> photo: Object
  name: "treasure hunt"
  description: "hunt for treasure"
  price: 200
  category: ObjectId("5fd90041e0741b4ce4ad34bf")
  quantity: 10
  createdAt: 2020-12-15T16:56:23.214+00:00
  updatedAt: 2020-12-18T16:44:31.386+00:00
  __v: 0
  shipping: true
  sold: 0
```

```
_id: ObjectId("5fd8eb6bfdd6be6da0b0a4e9")
> photo: Object
  name: "open mic event"
  description: "singing event"
  price: 100
  category: ObjectId("5fd8cd5fc7012066506bfb0f")
  quantity: 1
  createdAt: 2020-12-15T16:59:24.215+00:00
  updatedAt: 2020-12-15T16:59:24.215+00:00
  __v: 0
```

3.5. Booked Events by a specific user Database Table: Data

```
_id: ObjectId("5fdc7ad3061c6d20a0d85c35")
status: "Booked"
> products: Array
transaction_id: "p3f1kpjs"
amount: 50
user: ObjectId("5fda499c550388271887d2de")
createdAt: 2020-12-18T09:48:03.205+00:00
updatedAt: 2020-12-18T11:22:24.647+00:00
__v: 0
```

```
_id: ObjectId("5fdc7bed061c6d20a0d85c37")
status: "Booked"
> products: Array
transaction_id: "9kznjvc5"
amount: 50
user: ObjectId("5fda499c550388271887d2de")
createdAt: 2020-12-18T09:52:45.607+00:00
updatedAt: 2020-12-18T11:25:04.623+00:00
__v: 0
```