

**Class:** Third Year (Computer Science and Engineering)

**Year:** 2020-21

**Semester:** 2

**Course:** Advanced Web and Mobile Application Development Lab (4CS381)

## LA4/ESE Exam

17/06/2021 01.00 PM – 04.00 PM

### Exam Seat No:

Name: Saurabh Makarand Narkhede

Exam Seat Number: 2018BTECS00071

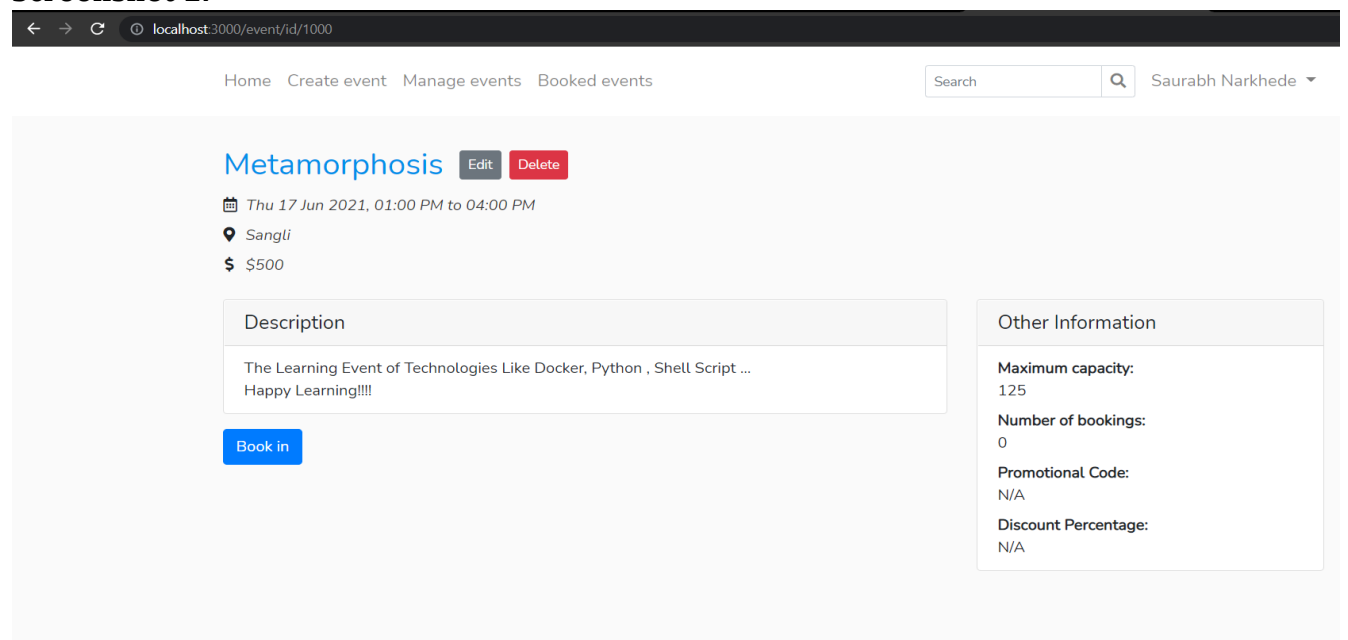
### Problem Statement 1

#### Statement:

Design and build a simple website for WLUG online event using Node.js, Express.js and any database.

1. Use POST and GET method appropriately.
2. Use different routes for redirection and multiple callback functions
3. Use database connectivity for data storage and retrieval.
4. Create a page for contact details.
5. Select HTML, CSS, JavaScript and other frameworks as per need.

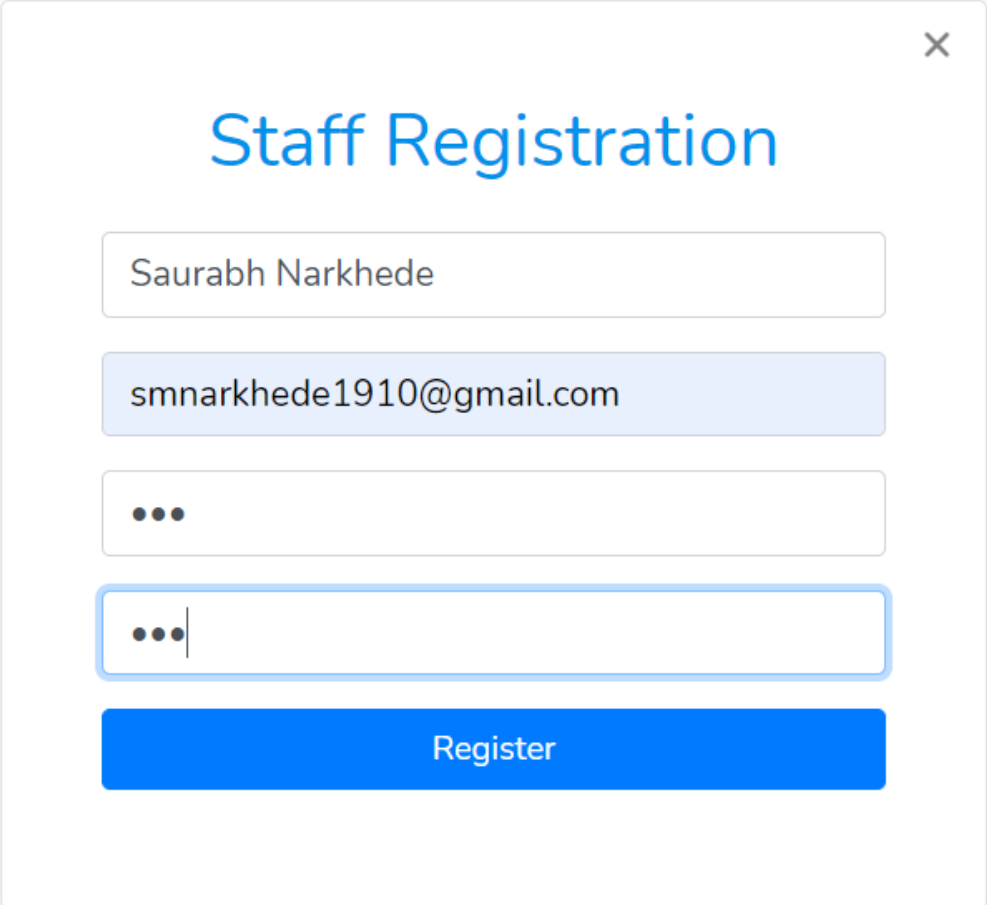
#### Screenshot 1:



**Information 1:**

Event Named Metamorphosis Created on the Website.

**Screenshot 2:**



A screenshot of a web form titled "Staff Registration" in blue text. The form is enclosed in a light gray border with a close button (X) in the top right corner. It contains four input fields: a text field with "Saurabh Narkhede", an email field with "smnarkhede1910@gmail.com", a password field with three dots, and a confirm password field with three dots and a vertical cursor line. Below the fields is a blue "Register" button.

**Information 2:**

Staff Registration.

### Screenshot 3:

← → ↻ localhost:3000/student-register

Home Create event Manage events Booked events

Search Saurabh Narkhede

### Student Registration

Vivek Pawar

vivo17@gmail.com

....

....

Register

### Information 3:

Student Can register for Event.

### Screenshot 4:

Saurabh's Org - 202... Access Manager Billing All C

event Atlas Realm Charts

Database Access

Network Access

Advanced

+ Create Database

Q NAMESPACES

myFirstDatabase

- counters
- events
- sessions
- users

### myFirstDatabase.events

COLLECTION SIZE: 427B TOTAL DOCUMENTS: 1 INDEXES TOTAL SIZE: 40KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

FILTER {"filter": "example"}

QUERY RESULTS 1-1 OF 1

```
{
  "_id": ObjectId("60cb0c07ccd6663028e34473"),
  "currentBookings": 0,
  "eventName": "Metamorphosis",
  "summary": "The Learning Event of Technologies Like Docker, Python , Shell Script ...",
  "address": "Sangli",
  "startDate": 2021-06-17T07:30:00.000+00:00,
  "endDate": 2021-06-17T10:30:00.000+00:00,
  "fullDesc": "<p>The Learning Event of Technologies Like Docker, Python , Shell Scri...",
  "capacity": 125,
  "promoCode": "",
  "discount": null,
  "price": 500,
  "eventId": 1000,
  "__v": 0
}
```

### Information 4:

Database Connectivity Established.

### Screenshot 5:

```
import express from 'express';
import Event from '../models/event';
import User from '../models/user';
import { isStaff } from '../common/authCheck';

const router = express.Router();

router.get('/', isStaff, (req, res) => {
  res.locals.options.page = 'create';
  res.render('create', res.locals.options);
});

router.post('/', isStaff, (req, res) => {
  let { eventName, summary, address, startDate, endDate, fullDesc, capacity, promoCode, discount, price } = req.body;
  startDate = new Date(startDate);
  endDate = new Date(endDate);

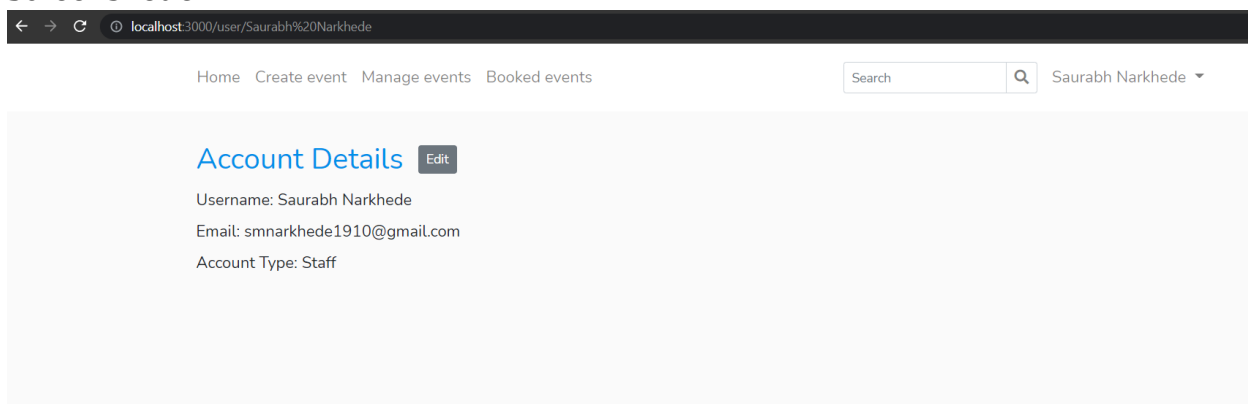
  Event.create({
    eventName,
    summary,
    address,
    startDate,
    endDate,
    fullDesc,
    capacity,
    promoCode,
    discount,
    price
  });
});
```

Object.require.extensions.<computed> [as .js] (F:\VASEM6\AWAMAD\A\_Wlug\_Web\Wlug-event\node\_modules\babel-watch\runner.js:61:7)  
Module.load (internal/modules/cjs/loader.js:986:32)  
Function.Module.load (internal/modules/cjs/loader.js:879:14)  
Module.require (internal/modules/cjs/loader.js:1026:19)  
require (internal/modules/cjs/helpers.js:72:18)  
Object.<anonymous> (F:\VASEM6\AWAMAD\A\_Wlug\_Web\Wlug-event\src\app.js:7:1)

### Information 5:

Both Get And Post Methods Are Added.

### Screenshot 6:



### Information 6:

Contact Page Added.

### Screenshot 7:

The screenshot shows a web browser window with the URL `localhost:3000/event/id/1000/checkout`. The page has a navigation bar with links: Home, Create event, Manage events, and Booked events. A search bar and a user profile dropdown (Saurabh Narkhede) are also present. The main content area is titled "Checkout Form" and contains the following sections:

- Name on card:** A text input field containing "Kaustubh Dhus". Below it, a note says "As displayed on your card."
- Credit card number:** A text input field containing "111 1111 2222".
- CVV:** A text input field containing "344". Below it, a note says "No dashes or spaces."
- Expiration Date:** Two dropdown menus showing "January" and "2022".
- Your Cart:** A table showing the items in the cart.

Metamorphosis	\$500
<b>Total</b>	<b>\$500</b>
- Promo code:** A text input field and a "Redeem" button.
- Checkout:** A large green button at the bottom.

### Information 7:

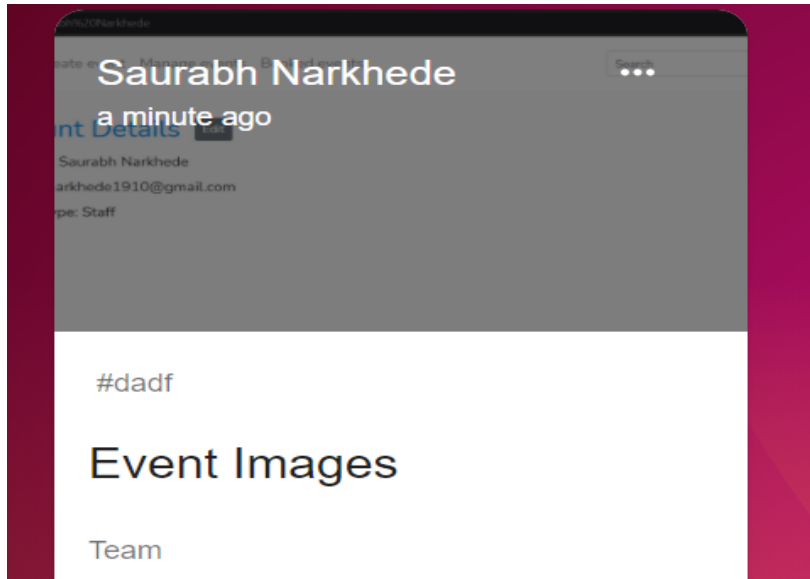
Page for New Booking Created.

## Problem Statement 2

### Statement:

Create and run React App for coordinating team details and event images using different components, props and user defined components.

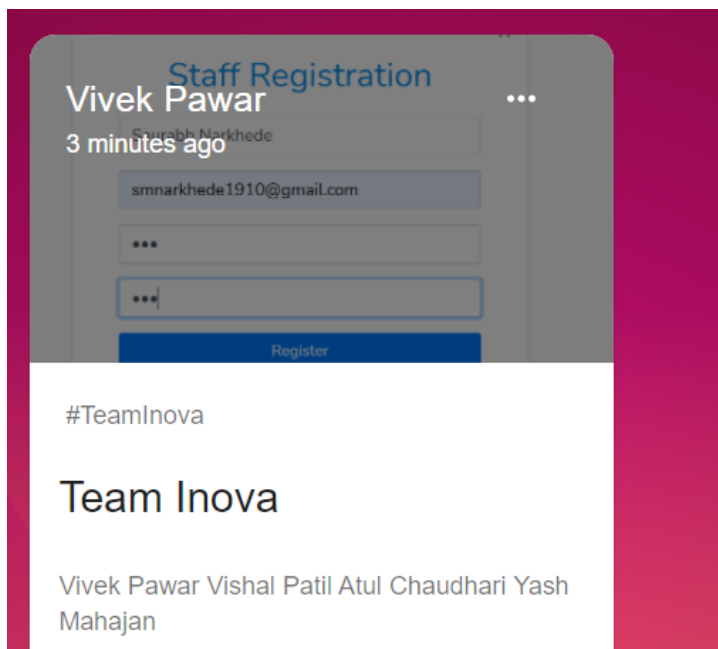
### Screenshot 1:



### Information 1:

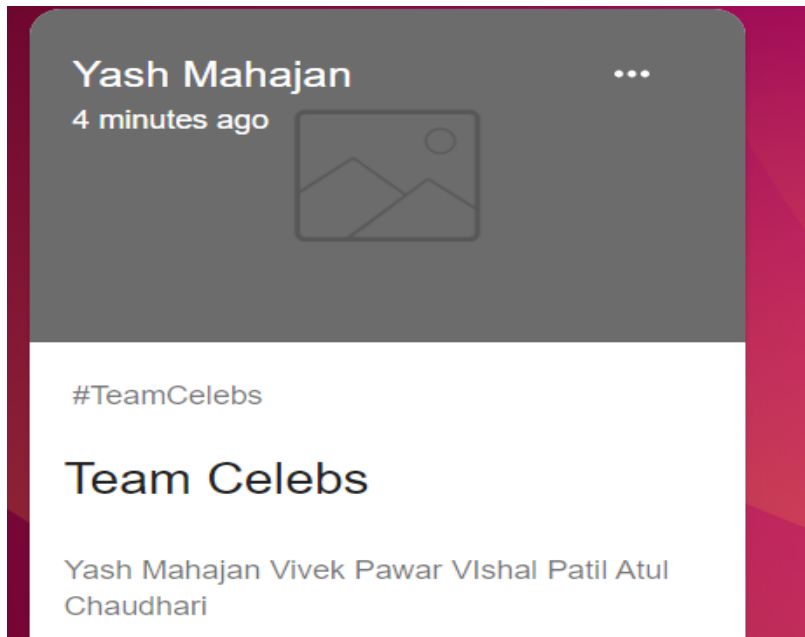
Event Images Stored.

### Screenshot 2:



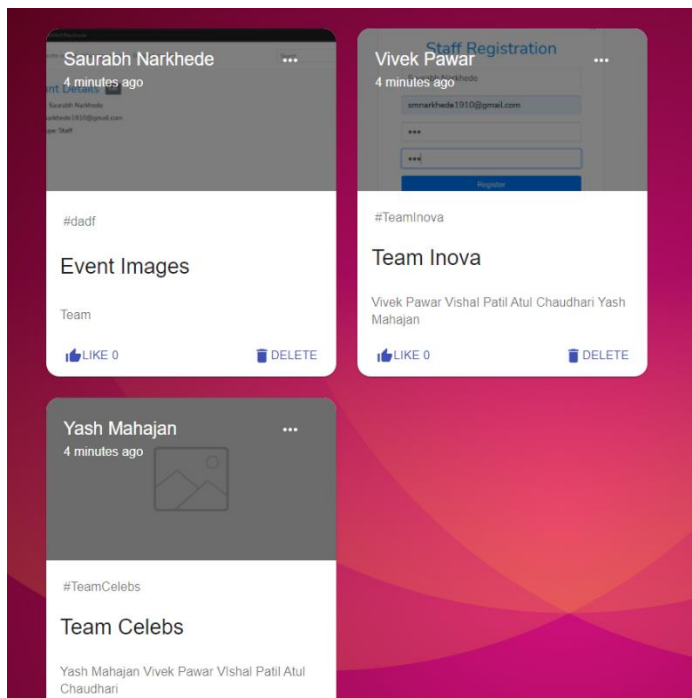
**Information 2:**  
**Event Team Created.**

**Screenshot 3:**



**Information 3:**  
**Multiple Teams Created**

**Screenshot 4:**



**Information 4:**

**Multiple Teams Created.**

**Technologies Used:** *HTML , CSS, Node JS, ExpressJS, Mongo DB, ReactJS.*

**GitHub Link:** [https://github.com/saurabhnarkhede/AWAMAD\\_LA4](https://github.com/saurabhnarkhede/AWAMAD_LA4)