EventSphereManagement

TheEvent

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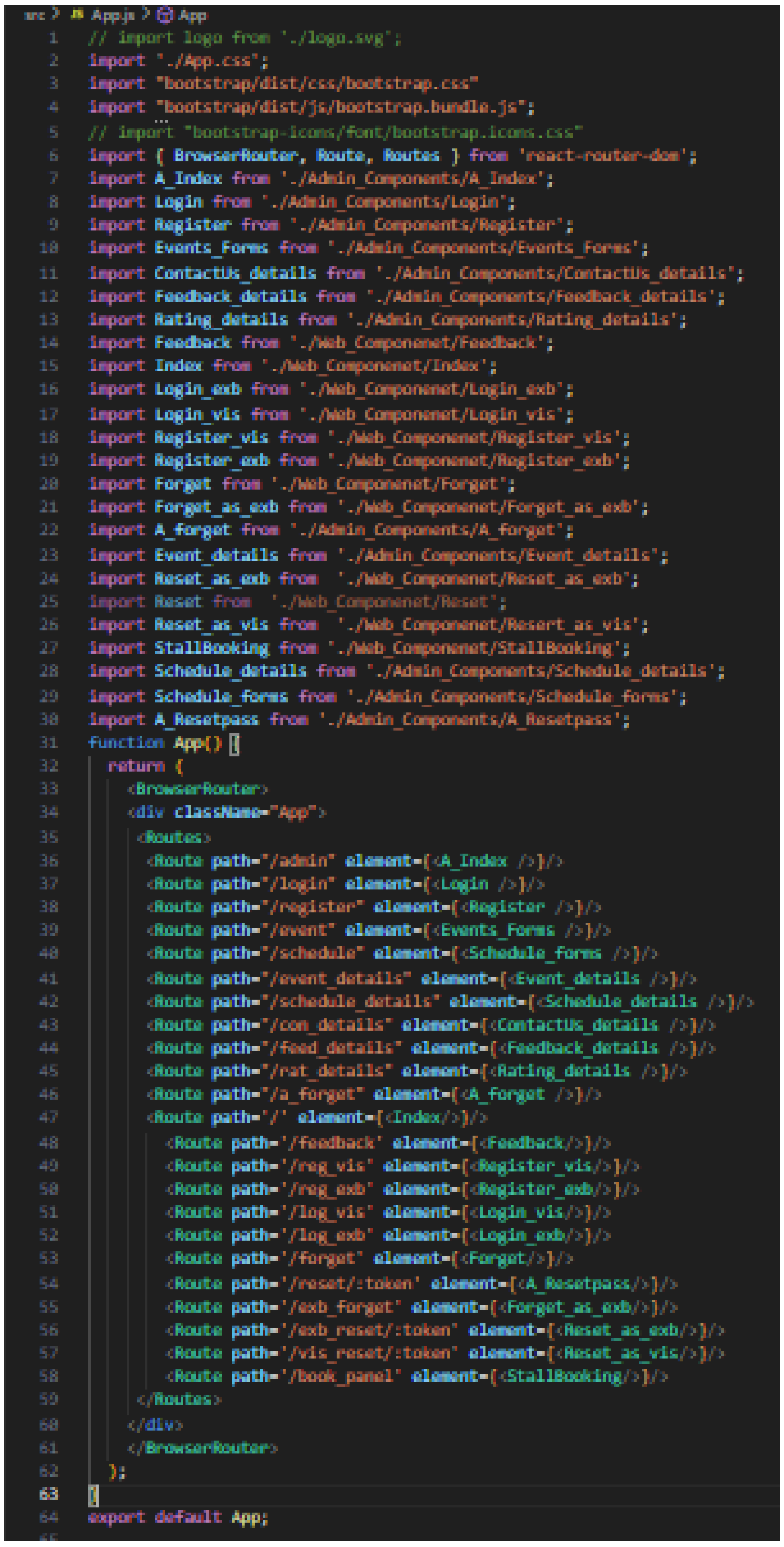
SCREEN SHOTS

Frontend

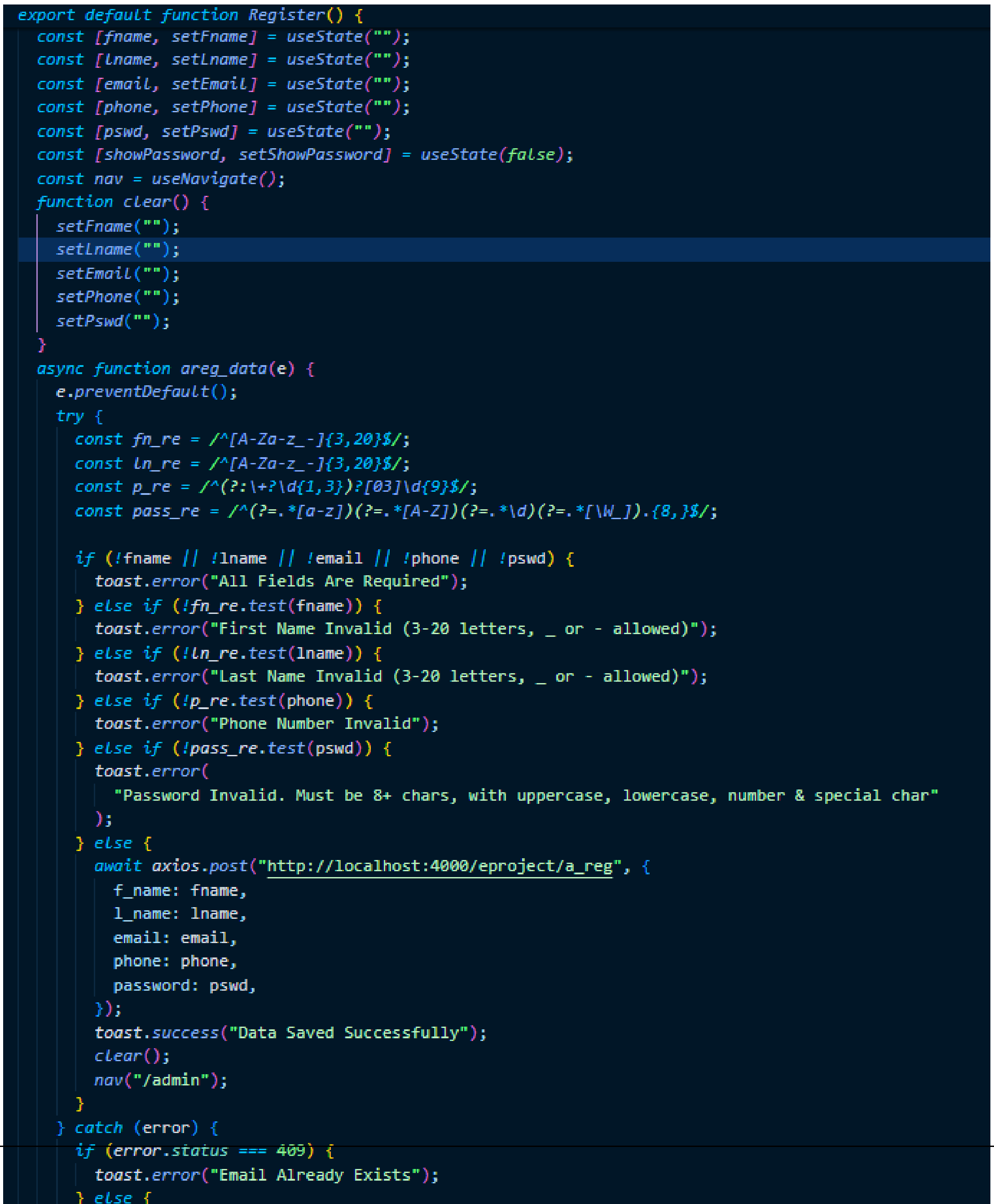
App.js File’s Code



src > App.js > App

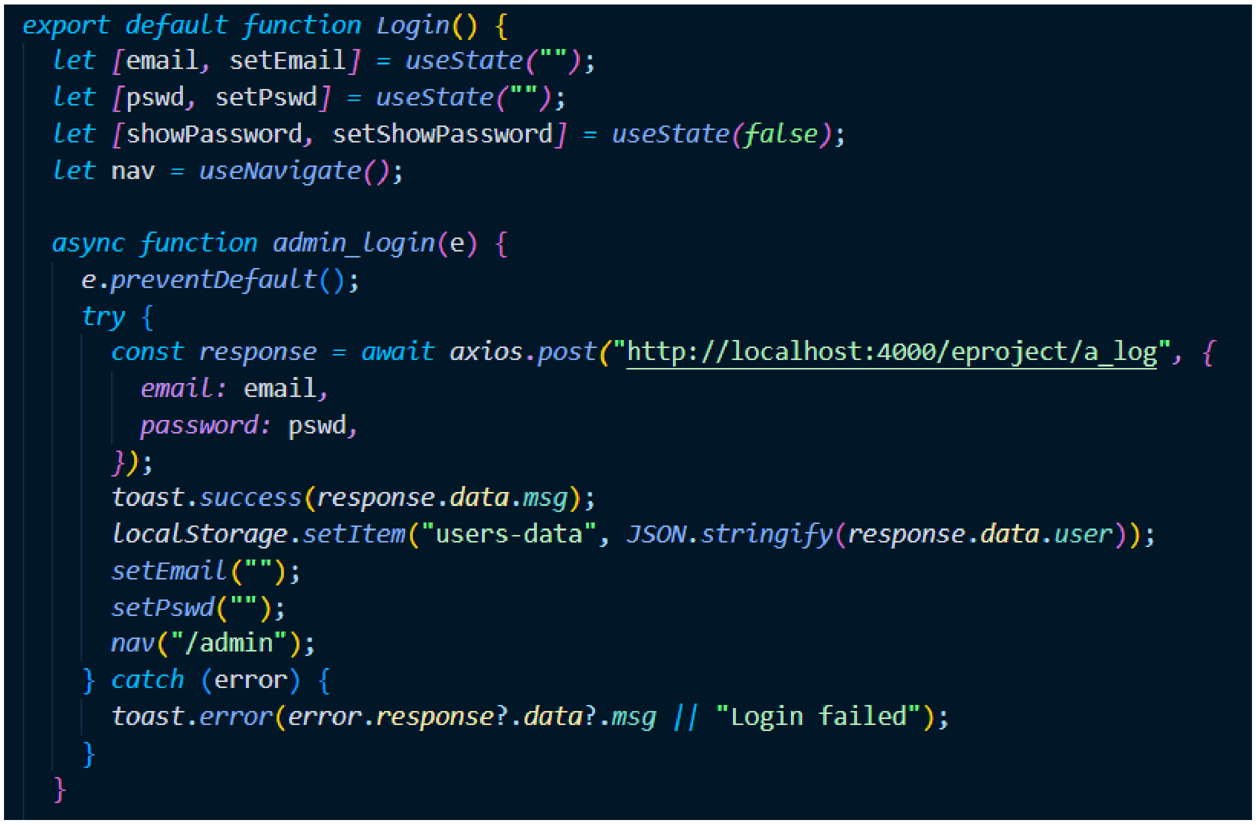
```javascript
// import logo from './logo.svg';
import './App.css';
import "bootstrap/dist/css/bootstrap.css"
import "bootstrap/dist/js/bootstrap.bundle.js";
// import "bootstrap-icons/font/bootstrap.icons.css"
import { BrowserRouter, Route, Routes } from 'react-router-dom';
import A_Index from './Admin_Components/A_Index';
import Login from './Admin_Components/Login';
import Register from './Admin_Components/Register';
import Events_Forms from './Admin_Components/Events_Forms';
import ContactUs_details from './Admin_Components/ContactUs_details';
import Feedback_details from './Admin_Components/Feedback_details';
import Rating_details from './Admin_Components/Rating_details';
import Feedback from './Web_Componenet/Feedback';
import Index from './Web_Componenet/Index';
import Login_exb from './Web_Componenet/Login_exb';
import Login_vis from './Web_Componenet/Login_vis';
import Register_vis from './Web_Componenet/Register_vis';
import Register_exb from './Web_Componenet/Register_exb';
import Forget from './Web_Componenet/Forget';
import Forget_as_exb from './Web_Componenet/Forget_as_exb';
import A_forget from './Admin_Components/A_forget';
import Event_details from './Admin_Components/Event_details';
import Reset_as_exb from  './Web_Componenet/Reset_as_exb';
import Reset from  './Web_Componenet/Reset';
import Reset_as_vis from  './Web_Componenet/Resert_as_vis';
import StallBooking from './Web_Componenet/StallBooking';
import Schedule_details from './Admin_Components/Schedule_details';
import Schedule_forms from './Admin_Components/Schedule_forms';
import A_Resetpass from './Admin_Components/A_Resetpass';
function App() {
  return (
    <BrowserRouter>
    <div className="App">
     <Routes>
      <Route path="/admin" element={<A_Index />}/>
      <Route path="/login" element={<Login />}/>
      <Route path="/register" element={<Register />}/>
      <Route path="/event" element={<Events_Forms />}/>
      <Route path="/schedule" element={<Schedule_forms />}/>
      <Route path="/event_details" element={<Event_details />}/>
      <Route path="/schedule_details" element={<Schedule_details />}/>
      <Route path="/con_details" element={<ContactUs_details />}/>
      <Route path="/feed_details" element={<Feedback_details />}/>
      <Route path="/rat_details" element={<Rating_details />}/>
      <Route path="/a_forget" element={<A_forget />}/>
      <Route path='/' element={<Index/>}/>
        <Route path='/feedback' element={<Feedback/>}/>
        <Route path='/reg_vis' element={<Register_vis/>}/>
        <Route path='/reg_exb' element={<Register_exb/>}/>
        <Route path='/log_vis' element={<Login_vis/>}/>
        <Route path='/log_exb' element={<Login_exb/>}/>
        <Route path='/forget' element={<Forget/>}/>
        <Route path='/reset/:token' element={<A_Resetpass/>}/>
        <Route path='/exb_forget' element={<Forget_as_exb/>}/>
        <Route path='/exb_reset/:token' element={<Reset_as_exb/>}/>
        <Route path='/vis_reset/:token' element={<Reset_as_vis/>}/>
        <Route path='/book_panel' element={<StallBooking/>}/>
     </Routes>
    </div>
    </BrowserRouter>
  );
}
export default App;
```

Admin Registration Code



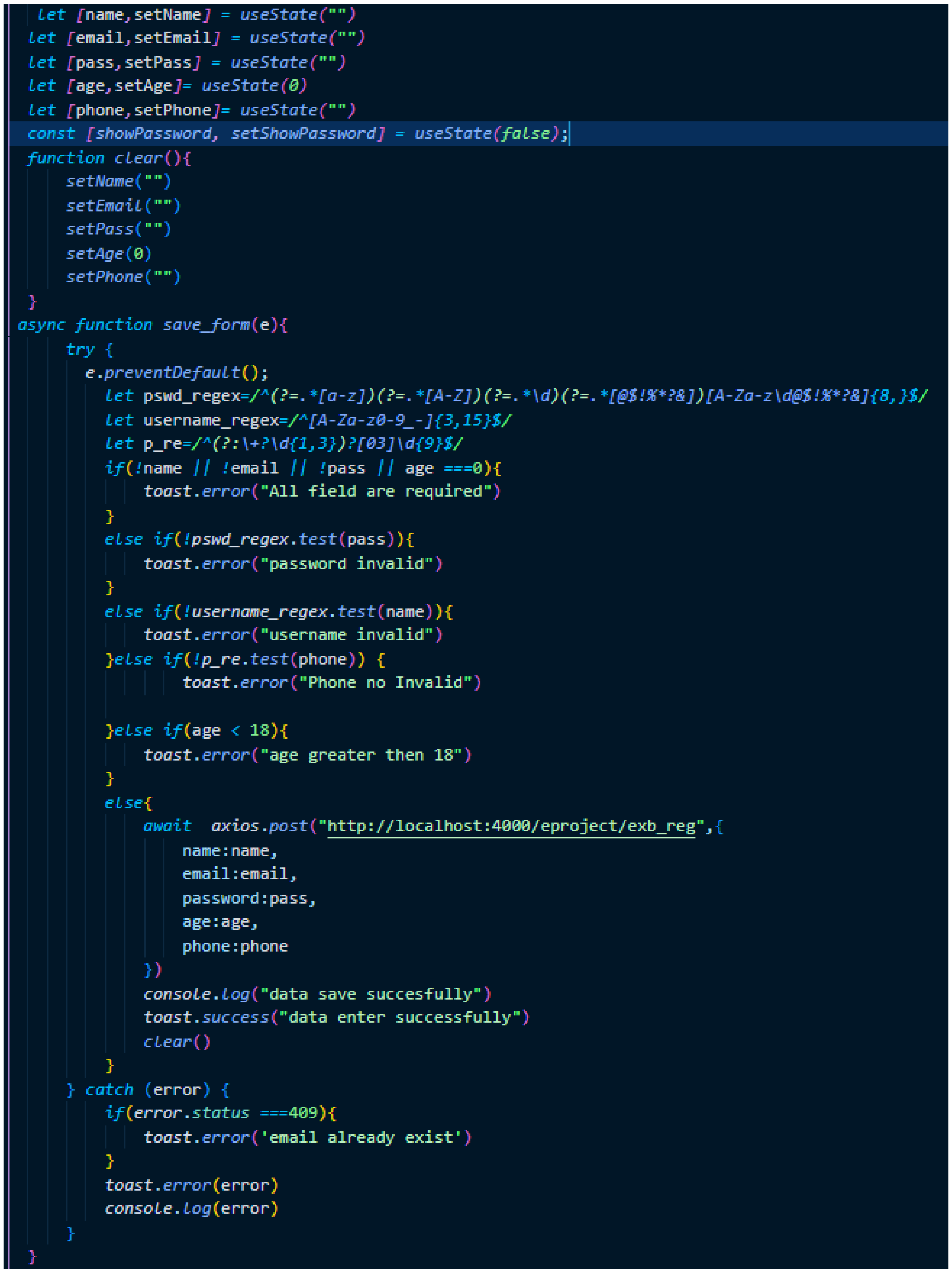
```
export default function Register() {
  const [fname, setFname] = useState("");
  const [lname, setLname] = useState("");
  const [email, setEmail] = useState("");
  const [phone, setPhone] = useState("");
  const [pswd, setPswd] = useState("");
  const [showPassword, setShowPassword] = useState(false);
  const nav = useNavigate();
  function clear() {
    setFname("");
    setLname("");
    setEmail("");
    setPhone("");
    setPswd("");
  }
  async function areg_data(e) {
    e.preventDefault();
    try {
      const fn_re = /^[A-Za-z_-]{3,20}$/;
      const ln_re = /^[A-Za-z_-]{3,20}$/;
      const p_re = /^(?:\+?\d{1,3})?[03]\d{9}$/;
      const pass_re = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[\W_]).{8,}$/;

      if (!fname || !lname || !email || !phone || !pswd) {
        toast.error("All Fields Are Required");
      } else if (!fn_re.test(fname)) {
        toast.error("First Name Invalid (3-20 letters, _ or - allowed)");
      } else if (!ln_re.test(lname)) {
        toast.error("Last Name Invalid (3-20 letters, _ or - allowed)");
      } else if (!p_re.test(phone)) {
        toast.error("Phone Number Invalid");
      } else if (!pass_re.test(pswd)) {
        toast.error(
          "Password Invalid. Must be 8+ chars, with uppercase, lowercase, number & special char"
        );
      } else {
        await axios.post("http://localhost:4000/eproject/a_reg", {
          f_name: fname,
          l_name: lname,
          email: email,
          phone: phone,
          password: pswd,
        });
        toast.success("Data Saved Successfully");
        clear();
        nav("/admin");
      }
    } catch (error) {
      if (error.status === 409) {
        toast.error("Email Already Exists");
      } else {
```

Admin Login Code



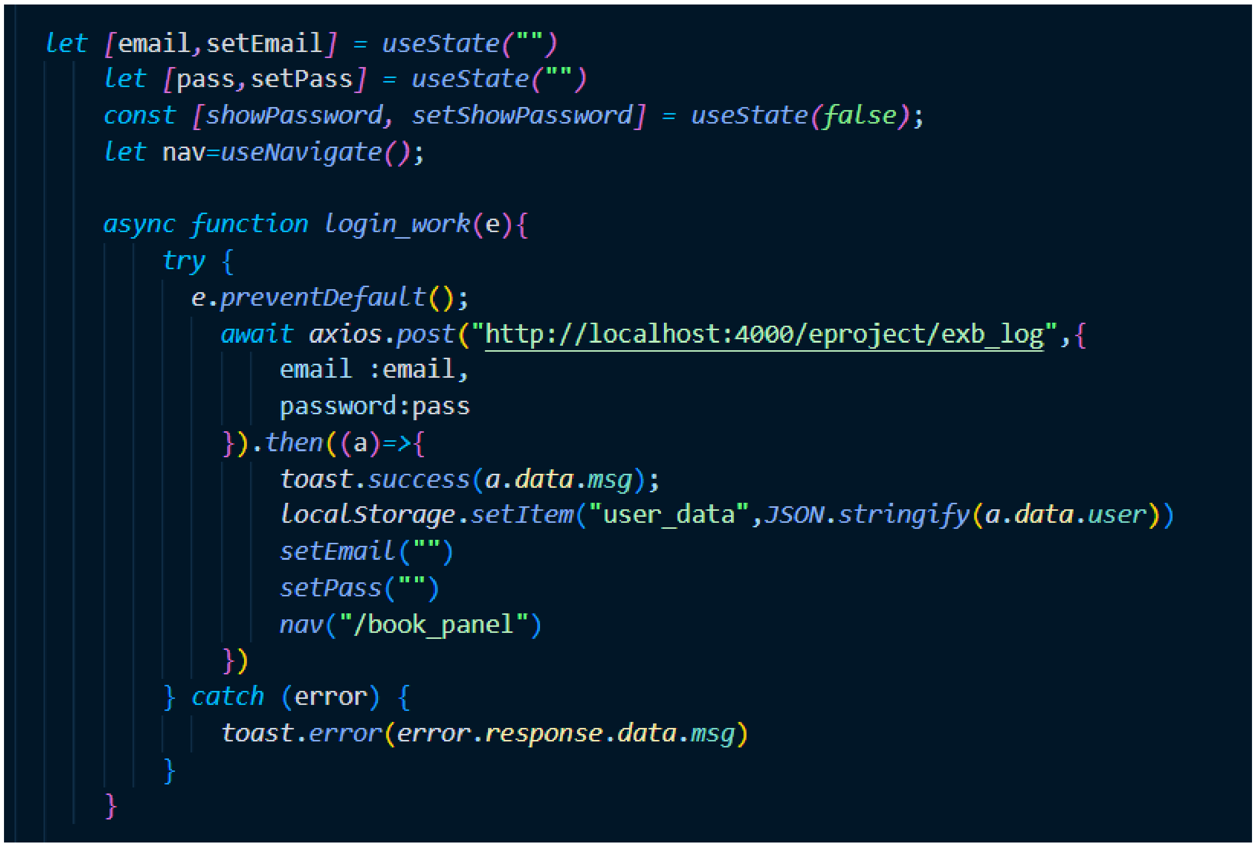
```
export default function Login() {
  let [email, setEmail] = useState("");
  let [pswd, setPswd] = useState("");
  let [showPassword, setShowPassword] = useState(false);
  let nav = useNavigate();

  async function admin_login(e) {
    e.preventDefault();
    try {
      const response = await axios.post("http://localhost:4000/eproject/a_log", {
        email: email,
        password: pswd,
      });
      toast.success(response.data.msg);
      localStorage.setItem("users-data", JSON.stringify(response.data.user));
      setEmail("");
      setPswd("");
      nav("/admin");
    } catch (error) {
      toast.error(error.response?.data?.msg || "Login failed");
    }
  }
```

Register As Exhibitor Code



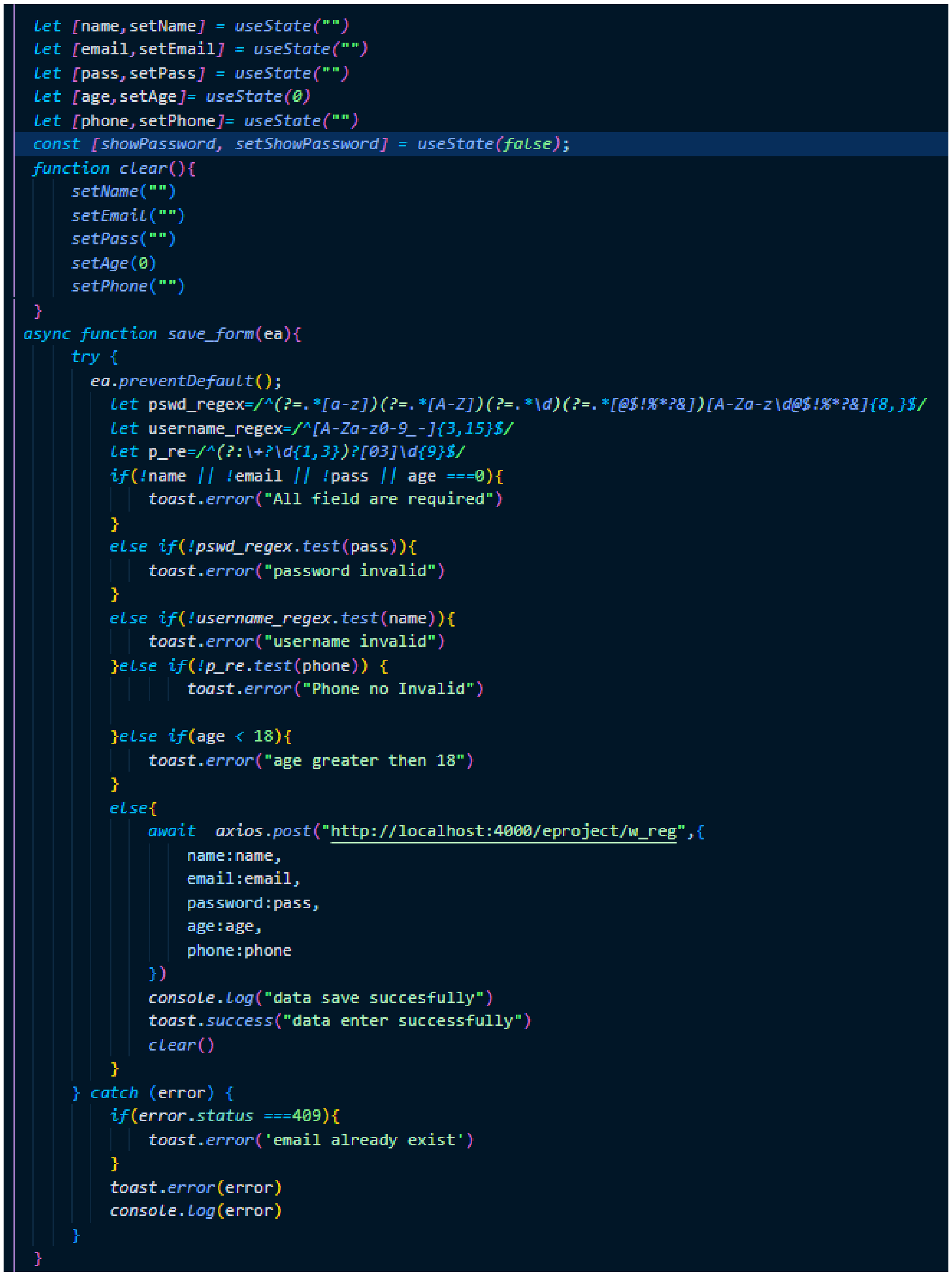
```
  let [name,setName] = useState("")
 let [email,setEmail] = useState("")
 let [pass,setPass] = useState("")
 let [age,setAge]= useState(0)
 let [phone,setPhone]= useState("")
 const [showPassword, setShowPassword] = useState(false);
 function clear(){
     setName("")
     setEmail("")
     setPass("")
     setAge(0)
     setPhone("")
 }
async function save_form(e){
     try {
       e.preventDefault();
         let pswd_regex=/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/
         let username_regex=/^[A-Za-z0-9_-]{3,15}$/
         let p_re=/^(?:\+?\d{1,3})?[03]\d{9}$/
         if(!name || !email || !pass || age ===0){
             toast.error("All field are required")
         }
         else if(!pswd_regex.test(pass)){
             toast.error("password invalid")
         }
         else if(!username_regex.test(name)){
             toast.error("username invalid")
         }else if(!p_re.test(phone)) {
                 toast.error("Phone no Invalid")

         }else if(age < 18){
             toast.error("age greater then 18")
         }
         else{
             await  axios.post("http://localhost:4000/eproject/exb_reg",{
                 name:name,
                 email:email,
                 password:pass,
                 age:age,
                 phone:phone
             })
             console.log("data save succesfully")
             toast.success("data enter successfully")
             clear()
         }
     } catch (error) {
         if(error.status ===409){
             toast.error('email already exist')
         }
         toast.error(error)
         console.log(error)
     }
 }
```

Login As Exhibitor Code



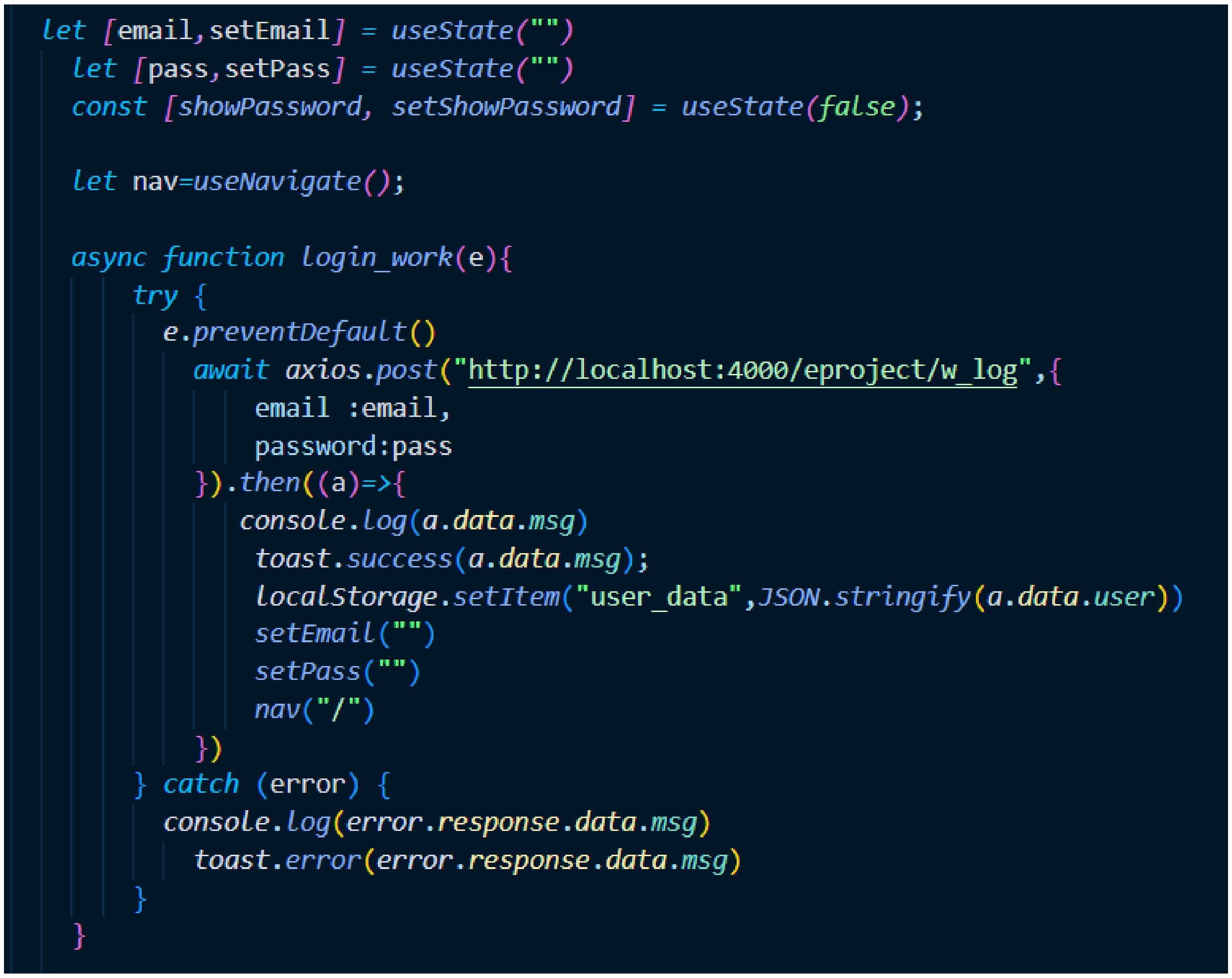
```
let [email,setEmail] = useState("")
    let [pass,setPass] = useState("")
    const [showPassword, setShowPassword] = useState(false);
    let nav=useNavigate();

    async function login_work(e){
        try {
          e.preventDefault();
            await axios.post("http://localhost:4000/eproject/exb_log",{
                email :email,
                password:pass
            }).then((a)=>{
                toast.success(a.data.msg);
                localStorage.setItem("user_data",JSON.stringify(a.data.user))
                setEmail("")
                setPass("")
                nav("/book_panel")
            })
        } catch (error) {
            toast.error(error.response.data.msg)
        }
    }
```

SignUp As Visitor Code



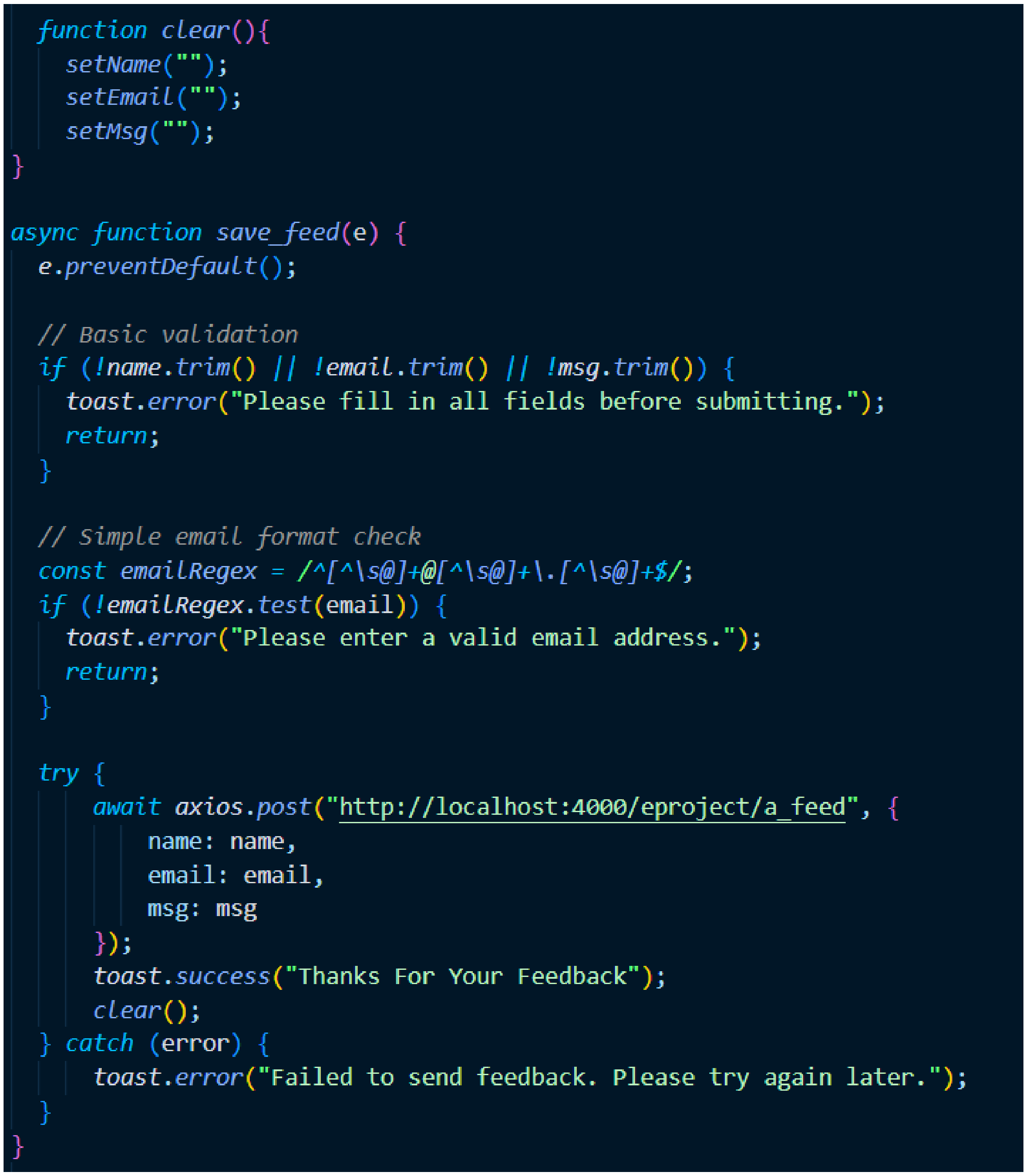
```
let [name,setName] = useState("")
let [email,setEmail] = useState("")
let [pass,setPass] = useState("")
let [age,setAge]= useState(0)
let [phone,setPhone]= useState("")
const [showPassword, setShowPassword] = useState(false);
function clear(){
    setName("")
    setEmail("")
    setPass("")
    setAge(0)
    setPhone("")
}
async function save_form(ea){
    try {
      ea.preventDefault();
        let pswd_regex=/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/
        let username_regex=/^[A-Za-z0-9_-]{3,15}$/
        let p_re=/^(?:\+?\d{1,3})?[03]\d{9}$/
        if(!name || !email || !pass || age ===0){
            toast.error("All field are required")
        }
        else if(!pswd_regex.test(pass)){
            toast.error("password invalid")
        }
        else if(!username_regex.test(name)){
            toast.error("username invalid")
        }else if(!p_re.test(phone)) {
                toast.error("Phone no Invalid")

        }else if(age < 18){
            toast.error("age greater then 18")
        }
        else{
            await  axios.post("http://localhost:4000/eproject/w_reg",{
                name:name,
                email:email,
                password:pass,
                age:age,
                phone:phone
            })
            console.log("data save succesfully")
            toast.success("data enter successfully")
            clear()
        }
    } catch (error) {
        if(error.status ===409){
            toast.error('email already exist')
        }
        toast.error(error)
        console.log(error)
    }
}
```

Login As Visitor Code



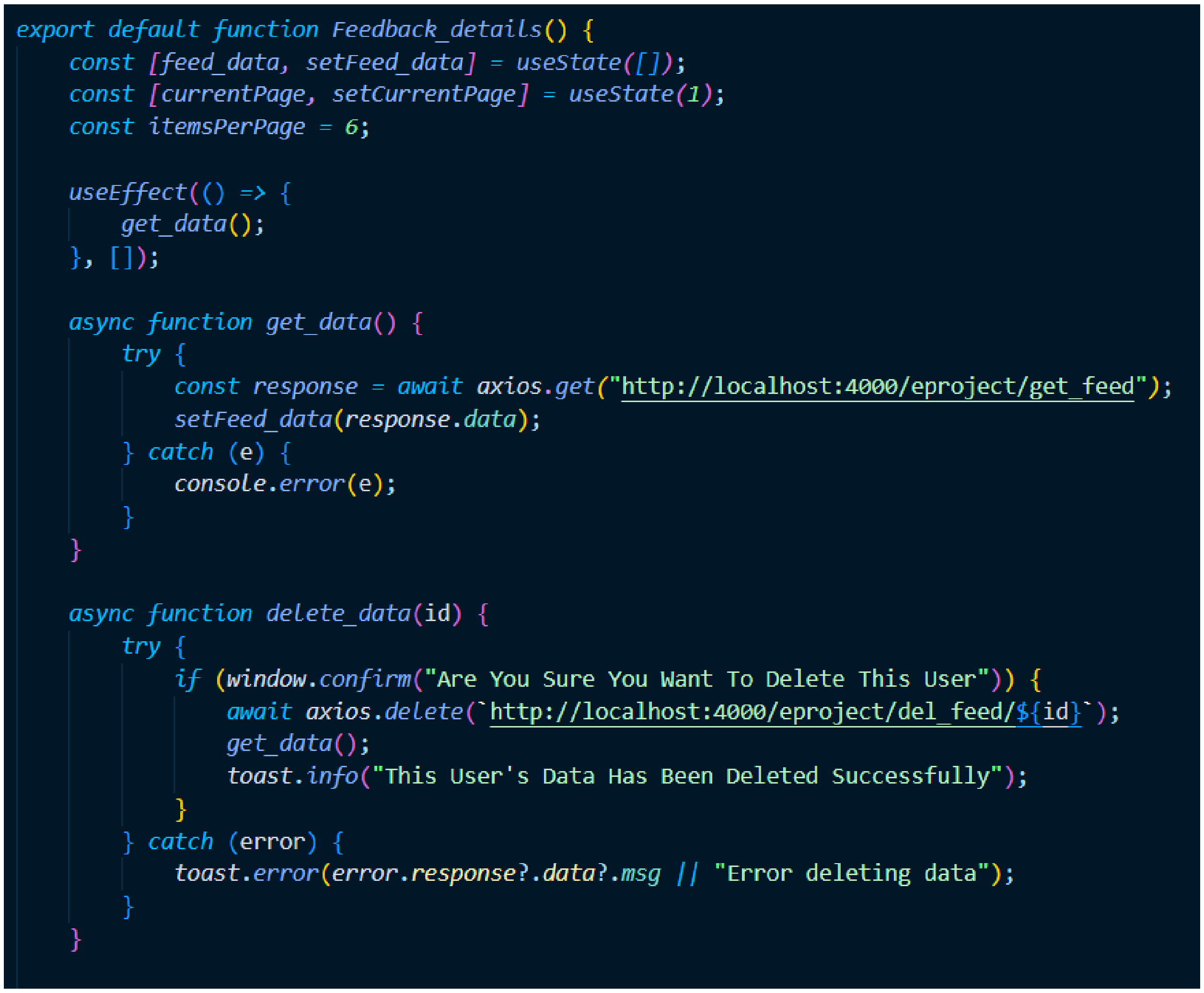
```
let [email,setEmail] = useState("")
  let [pass,setPass] = useState("")
  const [showPassword, setShowPassword] = useState(false);

  let nav=useNavigate();

  async function login_work(e){
      try {
        e.preventDefault()
          await axios.post("http://localhost:4000/eproject/w_log",{
              email :email,
              password:pass
          }).then((a)=>{
             console.log(a.data.msg)
              toast.success(a.data.msg);
              localStorage.setItem("user_data",JSON.stringify(a.data.user))
              setEmail("")
              setPass("")
              nav("/")
          })
      } catch (error) {
        console.log(error.response.data.msg)
          toast.error(error.response.data.msg)
      }
  }
```

Feedback Form’s Code



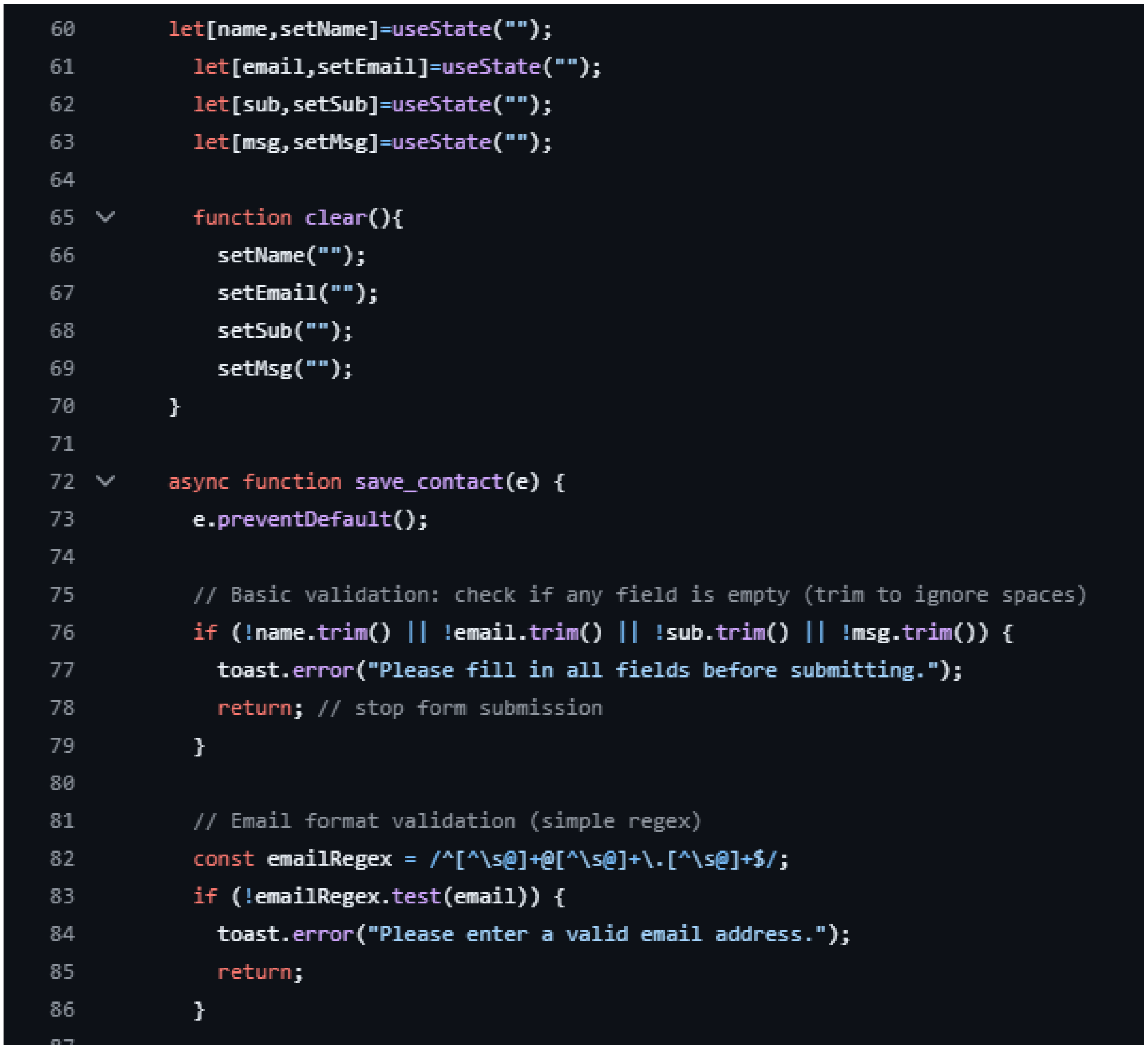
```javascript
  function clear(){
    setName("");
    setEmail("");
    setMsg("");
}

async function save_feed(e) {
  e.preventDefault();

  // Basic validation
  if (!name.trim() || !email.trim() || !msg.trim()) {
    toast.error("Please fill in all fields before submitting.");
    return;
  }

  // Simple email format check
  const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
  if (!emailRegex.test(email)) {
    toast.error("Please enter a valid email address.");
    return;
  }

  try {
      await axios.post("http://localhost:4000/eproject/a_feed", {
        name: name,
        email: email,
        msg: msg
      });
      toast.success("Thanks For Your Feedback");
      clear();
  } catch (error) {
      toast.error("Failed to send feedback. Please try again later.");
  }
}
```

Feedback Details Code



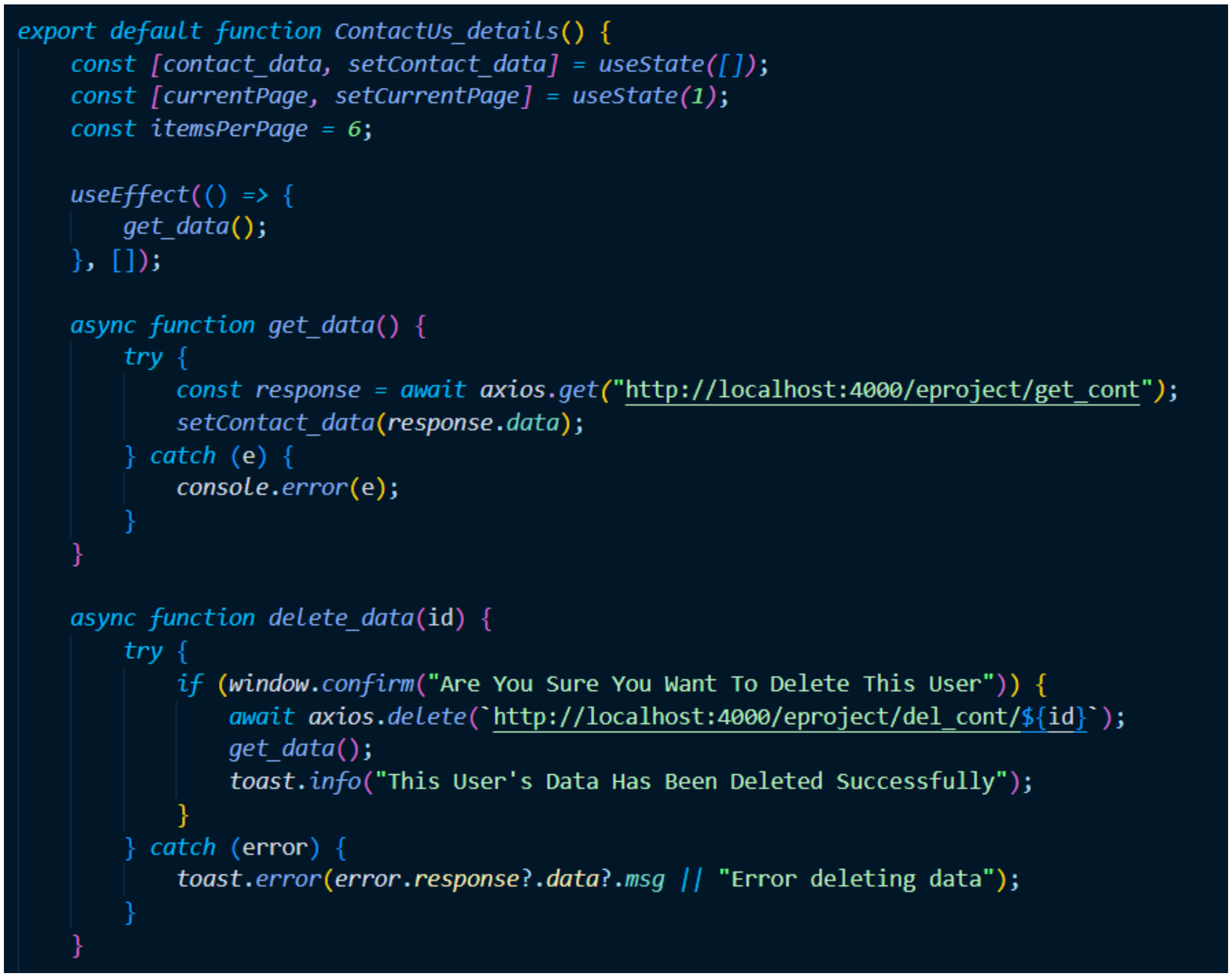
```
export default function Feedback_details() {
    const [feed_data, setFeed_data] = useState([]);
    const [currentPage, setCurrentPage] = useState(1);
    const itemsPerPage = 6;

    useEffect(() => {
        get_data();
    }, []);

    async function get_data() {
        try {
            const response = await axios.get("http://localhost:4000/eproject/get_feed");
            setFeed_data(response.data);
        } catch (e) {
            console.error(e);
        }
    }

    async function delete_data(id) {
        try {
            if (window.confirm("Are You Sure You Want To Delete This User")) {
                await axios.delete(`http://localhost:4000/eproject/del_feed/${id}`);
                get_data();
                toast.info("This User's Data Has Been Deleted Successfully");
            }
        } catch (error) {
            toast.error(error.response?.data?.msg || "Error deleting data");
        }
    }
```

Contact Us Form’s Code



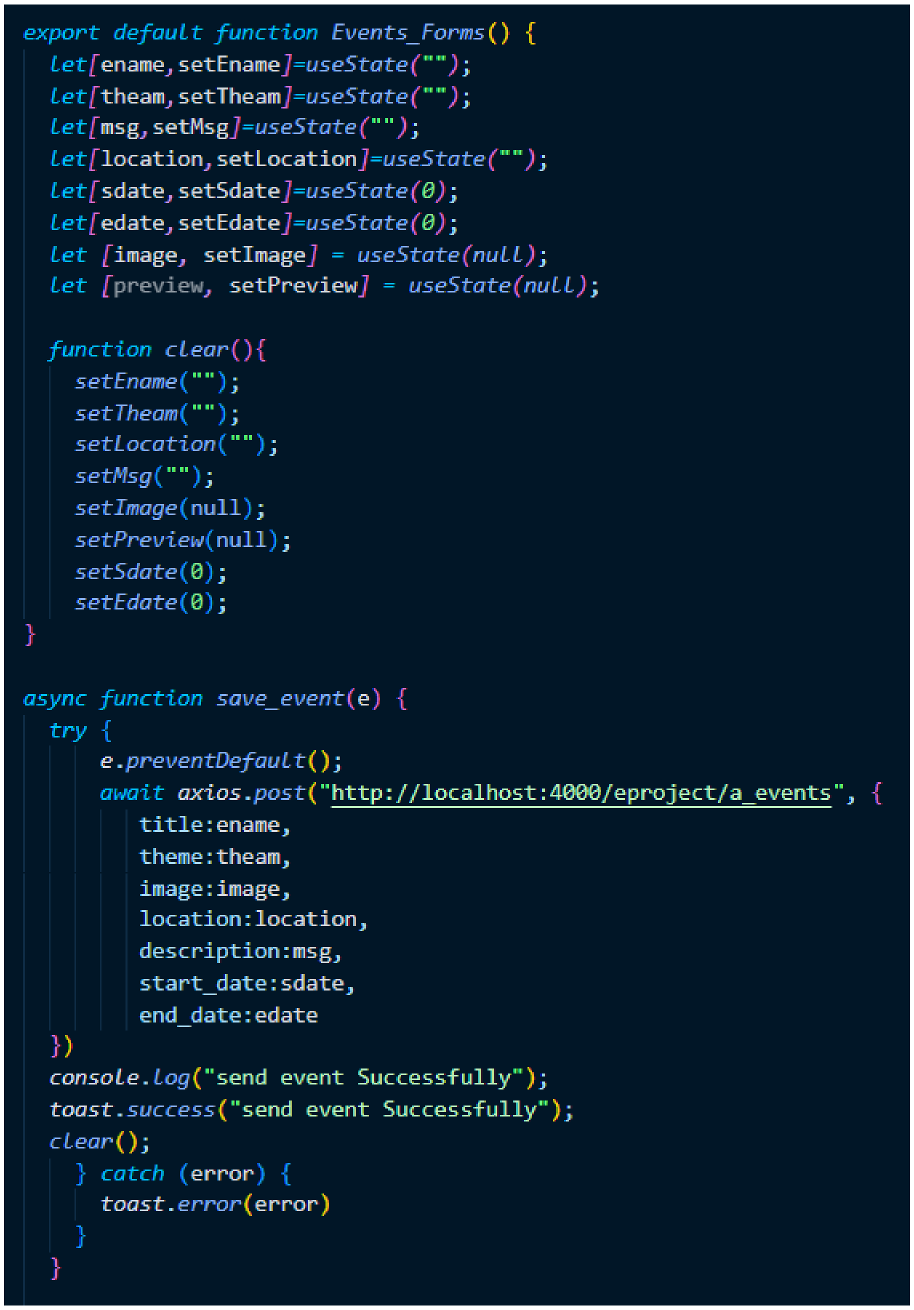
```
    let[name,setName]=useState("");
      let[email,setEmail]=useState("");
      let[sub,setSub]=useState("");
      let[msg,setMsg]=useState("");

      function clear(){
        setName("");
        setEmail("");
        setSub("");
        setMsg("");
    }

    async function save_contact(e) {
      e.preventDefault();

      // Basic validation: check if any field is empty (trim to ignore spaces)
      if (!name.trim() || !email.trim() || !sub.trim() || !msg.trim()) {
        toast.error("Please fill in all fields before submitting.");
        return; // stop form submission
      }

      // Email format validation (simple regex)
      const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
      if (!emailRegex.test(email)) {
        toast.error("Please enter a valid email address.");
        return;
      }
```

Contact Details Code



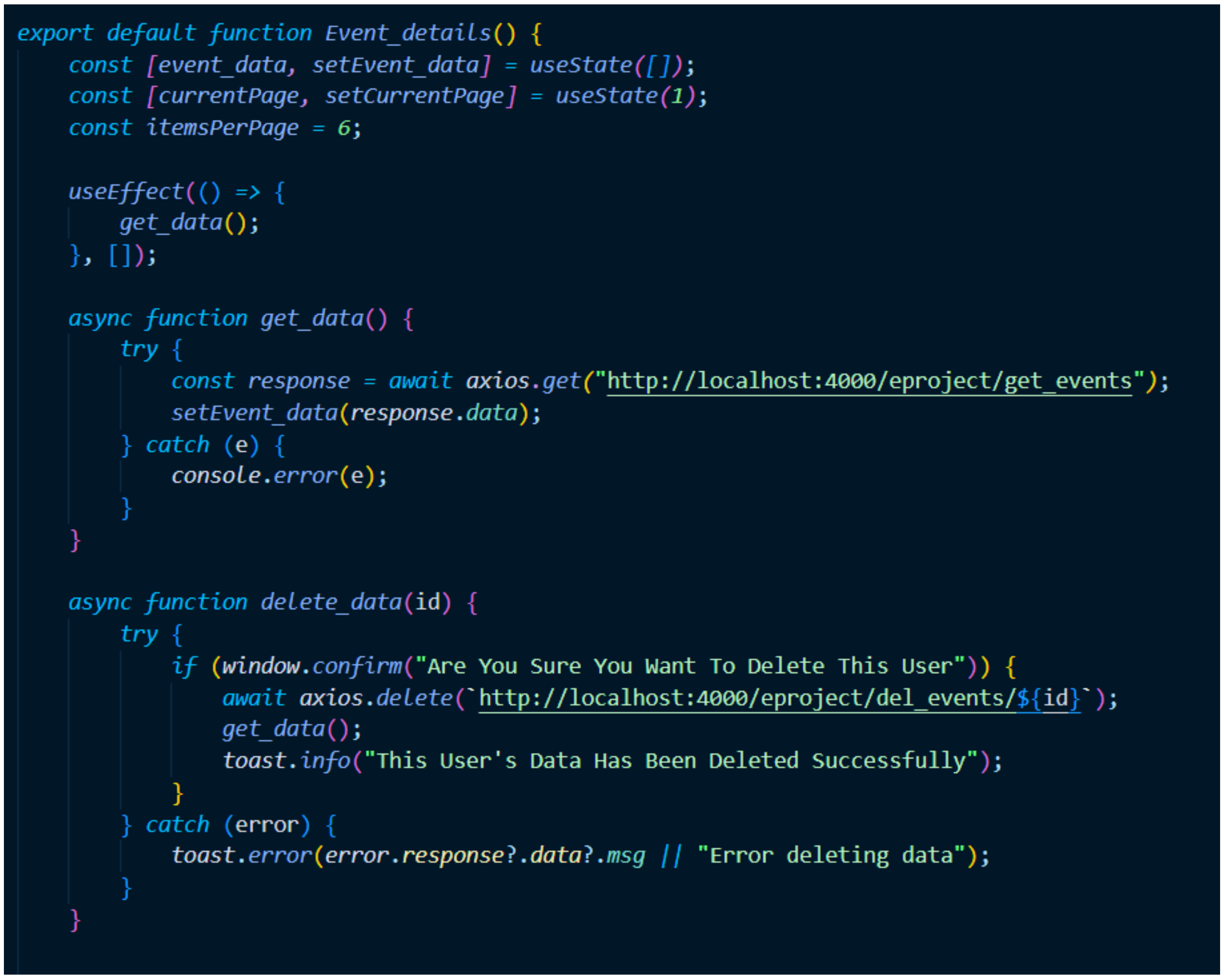
```
export default function ContactUs_details() {
    const [contact_data, setContact_data] = useState([]);
    const [currentPage, setCurrentPage] = useState(1);
    const itemsPerPage = 6;

    useEffect(() => {
        get_data();
    }, []);

    async function get_data() {
        try {
            const response = await axios.get("http://localhost:4000/eproject/get_cont");
            setContact_data(response.data);
        } catch (e) {
            console.error(e);
        }
    }

    async function delete_data(id) {
        try {
            if (window.confirm("Are You Sure You Want To Delete This User")) {
                await axios.delete(`http://localhost:4000/eproject/del_cont/${id}`);
                get_data();
                toast.info("This User's Data Has Been Deleted Successfully");
            }
        } catch (error) {
            toast.error(error.response?.data?.msg || "Error deleting data");
        }
    }
```

Event's Form's Code



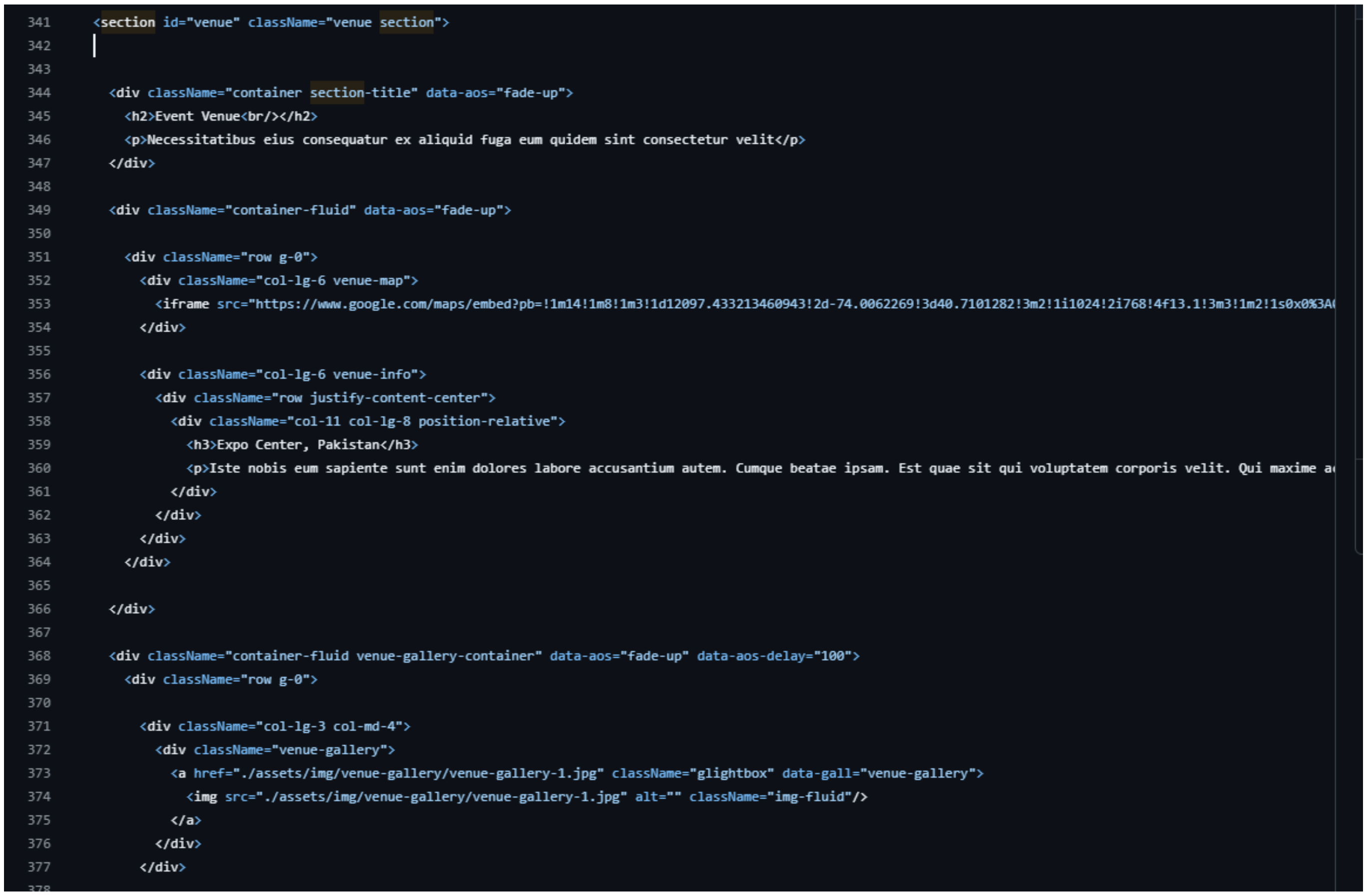
```
export default function Events_Forms() {
  let[ename,setEname]=useState("");
  let[theam,setTheam]=useState("");
  let[msg,setMsg]=useState("");
  let[location,setLocation]=useState("");
  let[sdate,setSdate]=useState(0);
  let[edate,setEdate]=useState(0);
  let [image, setImage] = useState(null);
  let [preview, setPreview] = useState(null);

  function clear(){
    setEname("");
    setTheam("");
    setLocation("");
    setMsg("");
    setImage(null);
    setPreview(null);
    setSdate(0);
    setEdate(0);
}

async function save_event(e) {
  try {
      e.preventDefault();
      await axios.post("http://localhost:4000/eproject/a_events", {
         title:ename,
         theme:theam,
         image:image,
         location:location,
         description:msg,
         start_date:sdate,
         end_date:edate
  })
  console.log("send event Successfully");
  toast.success("send event Successfully");
  clear();
    } catch (error) {
      toast.error(error)
    }
  }
```

Event’s Details Code



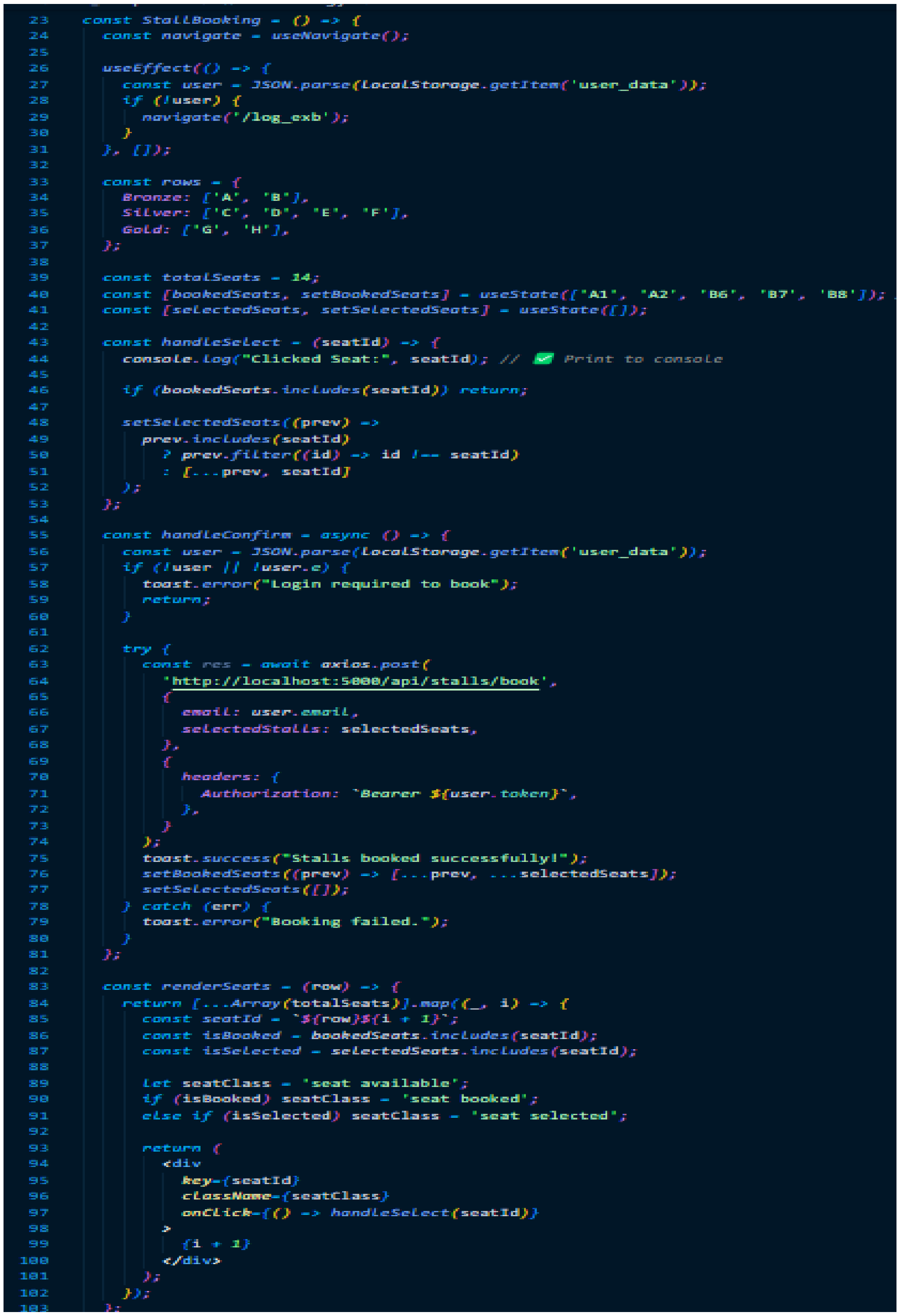
```
export default function Event_details() {
    const [event_data, setEvent_data] = useState([]);
    const [currentPage, setCurrentPage] = useState(1);
    const itemsPerPage = 6;

    useEffect(() => {
        get_data();
    }, []);

    async function get_data() {
        try {
            const response = await axios.get("http://localhost:4000/eproject/get_events");
            setEvent_data(response.data);
        } catch (e) {
            console.error(e);
        }
    }

    async function delete_data(id) {
        try {
            if (window.confirm("Are You Sure You Want To Delete This User")) {
                await axios.delete(`http://localhost:4000/eproject/del_events/${id}`);
                get_data();
                toast.info("This User's Data Has Been Deleted Successfully");
            }
        } catch (error) {
            toast.error(error.response?.data?.msg || "Error deleting data");
        }
    }
```

Event’s Venue Code



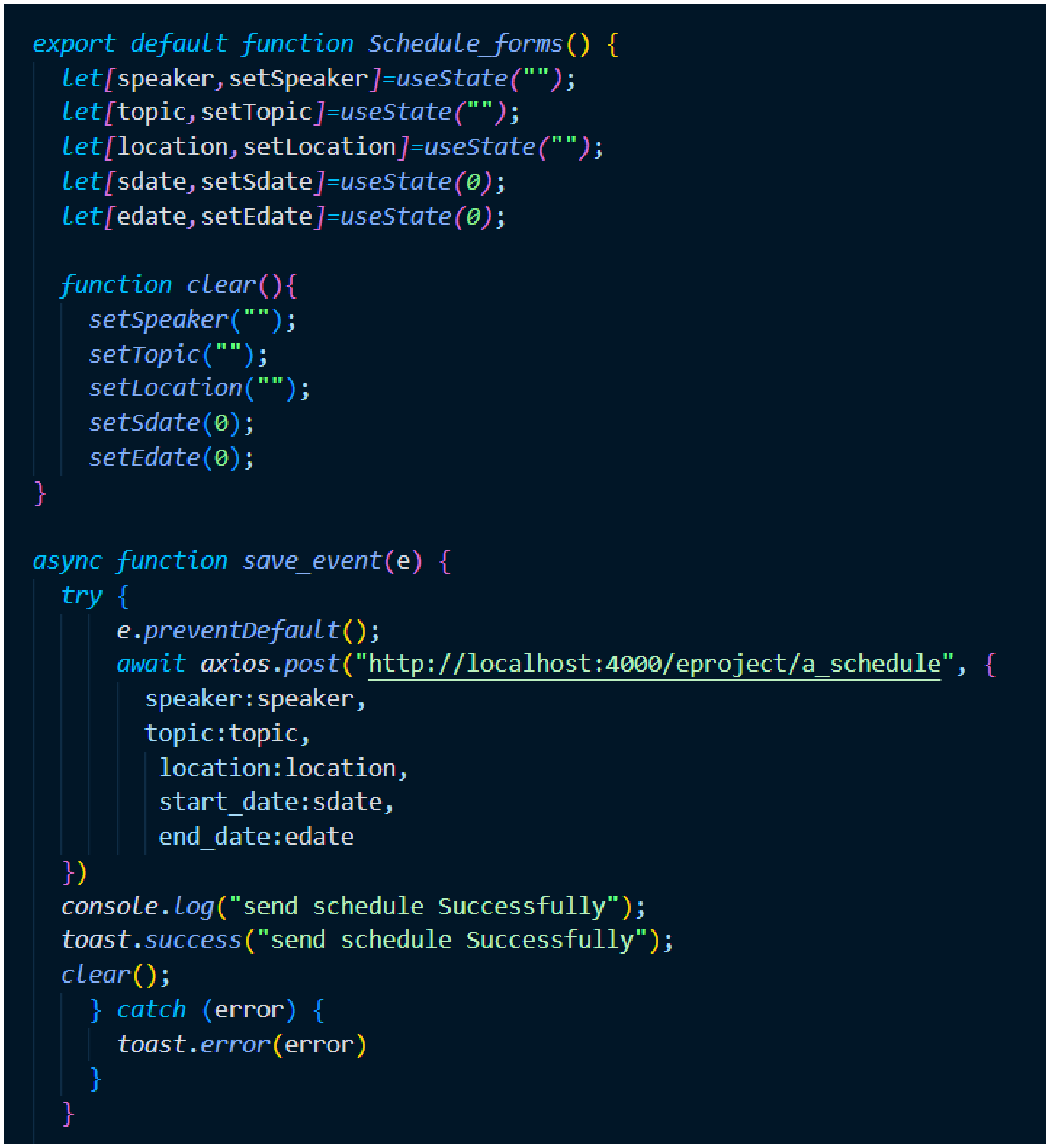
```
<section id="venue" className="venue section">


  <div className="container section-title" data-aos="fade-up">
    <h2>Event Venue<br/></h2>
    <p>Necessitatibus eius consequatur ex aliquid fuga eum quidem sint consectetur velit</p>
  </div>

  <div className="container-fluid" data-aos="fade-up">

    <div className="row g-0">
      <div className="col-lg-6 venue-map">
        <iframe src="https://www.google.com/maps/embed?pb=!1m14!1m8!1m3!1d12097.433213460943!2d-74.0062269!3d40.7101282!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x0%3A
      </div>

      <div className="col-lg-6 venue-info">
        <div className="row justify-content-center">
          <div className="col-11 col-lg-8 position-relative">
            <h3>Expo Center, Pakistan</h3>
            <p>Iste nobis eum sapiente sunt enim dolores labore accusantium autem. Cumque beatae ipsam. Est quae sit qui voluptatem corporis velit. Qui maxime a
          </div>
        </div>
      </div>
    </div>

  </div>

  <div className="container-fluid venue-gallery-container" data-aos="fade-up" data-aos-delay="100">
    <div className="row g-0">

      <div className="col-lg-3 col-md-4">
        <div className="venue-gallery">
          <a href="./assets/img/venue-gallery/venue-gallery-1.jpg" className="glightbox" data-gall="venue-gallery">
            <img src="./assets/img/venue-gallery/venue-gallery-1.jpg" alt="" className="img-fluid"/>
          </a>
        </div>
      </div>
```

Stall’s Booking Code



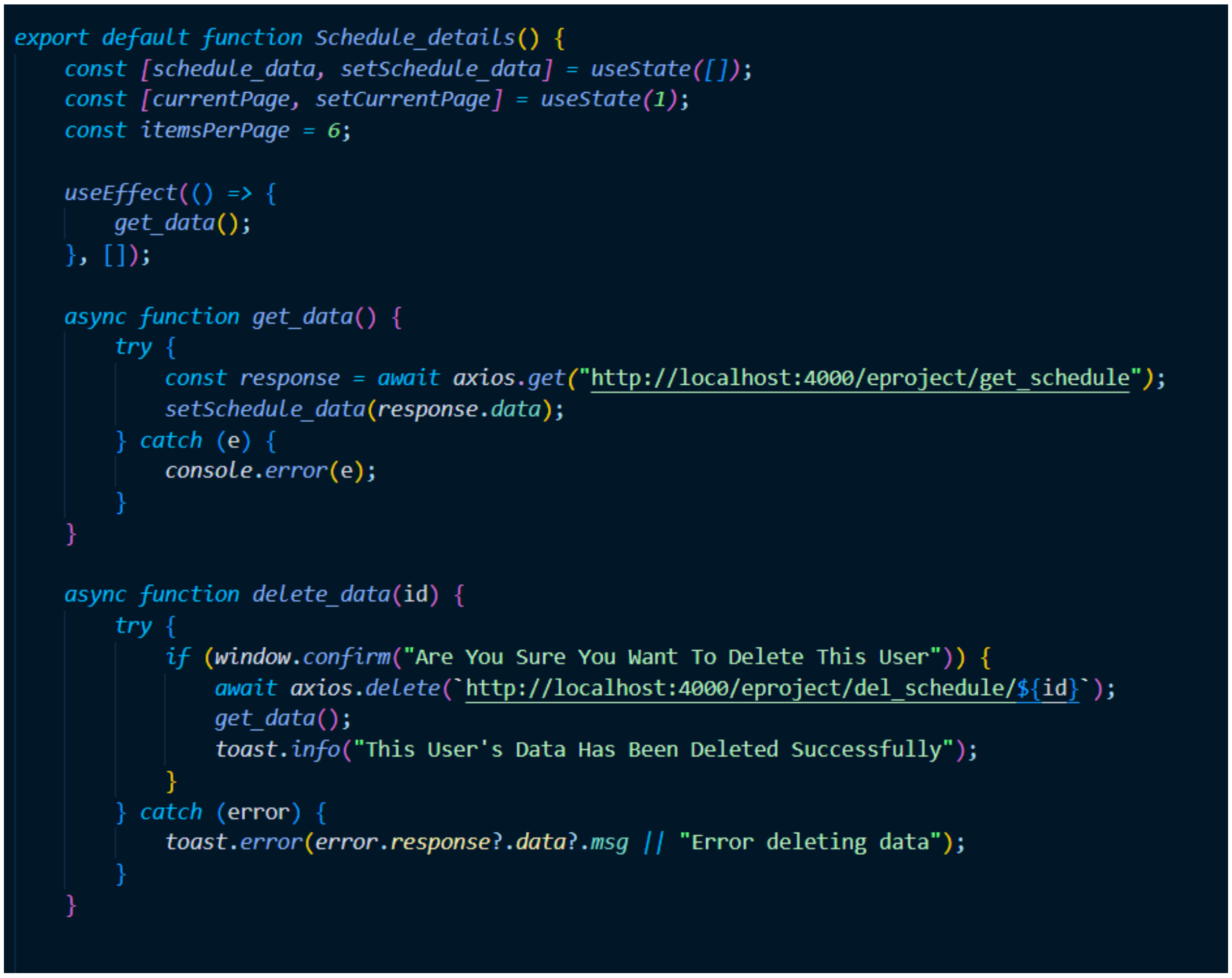
```javascript
const StallBooking = () => {
  const navigate = useNavigate();

  useEffect(() => {
    const user = JSON.parse(localStorage.getItem('user_data'));
    if (!user) {
      navigate('/log_exb');
    }
  }, []);

  const rows = {
    Bronze: ['A', 'B'],
    Silver: ['C', 'D', 'E', 'F'],
    Gold: ['G', 'H'],
  };

  const totalSeats = 14;
  const [bookedSeats, setBookedSeats] = useState(['A1', 'A2', 'B6', 'B7', 'B8']);
  const [selectedSeats, setSelectedSeats] = useState([]);

  const handleSelect = (seatId) => {
    console.log("Clicked Seat:", seatId); // ✅ Print to console

    if (bookedSeats.includes(seatId)) return;

    setSelectedSeats((prev) =>
      prev.includes(seatId)
        ? prev.filter((id) => id !== seatId)
        : [...prev, seatId]
    );
  };

  const handleConfirm = async () => {
    const user = JSON.parse(localStorage.getItem('user_data'));
    if (!user || !user.e) {
      toast.error("Login required to book");
      return;
    }

    try {
      const res = await axios.post(
        'http://localhost:5000/api/stalls/book',
        {
          email: user.email,
          selectedStalls: selectedSeats,
        },
        {
          headers: {
            Authorization: `Bearer ${user.token}`,
          },
        }
      );
      toast.success("Stalls booked successfully!");
      setBookedSeats((prev) => [...prev, ...selectedSeats]);
      setSelectedSeats([]);
    } catch (err) {
      toast.error("Booking failed.");
    }
  };

  const renderSeats = (row) => {
    return [...Array(totalSeats)].map((_, i) => {
      const seatId = `${row}${i + 1}`;
      const isBooked = bookedSeats.includes(seatId);
      const isSelected = selectedSeats.includes(seatId);

      let seatClass = 'seat available';
      if (isBooked) seatClass = 'seat booked';
      else if (isSelected) seatClass = 'seat selected';

      return (
        <div
          key={seatId}
          className={seatClass}
          onClick={() => handleSelect(seatId)}
        >
          {i + 1}
        </div>
      );
    });
  };
```

Schedule Management Code



```
export default function Schedule_forms() {
  let[speaker,setSpeaker]=useState("");
  let[topic,setTopic]=useState("");
  let[location,setLocation]=useState("");
  let[sdate,setSdate]=useState(0);
  let[edate,setEdate]=useState(0);

  function clear(){
    setSpeaker("");
    setTopic("");
    setLocation("");
    setSdate(0);
    setEdate(0);
}

async function save_event(e) {
  try {
      e.preventDefault();
      await axios.post("http://localhost:4000/eproject/a_schedule", {
        speaker:speaker,
        topic:topic,
          location:location,
          start_date:sdate,
          end_date:edate
  })
  console.log("send schedule Successfully");
  toast.success("send schedule Successfully");
  clear();
    } catch (error) {
      toast.error(error)
    }
  }
```

Schedule's Details Code

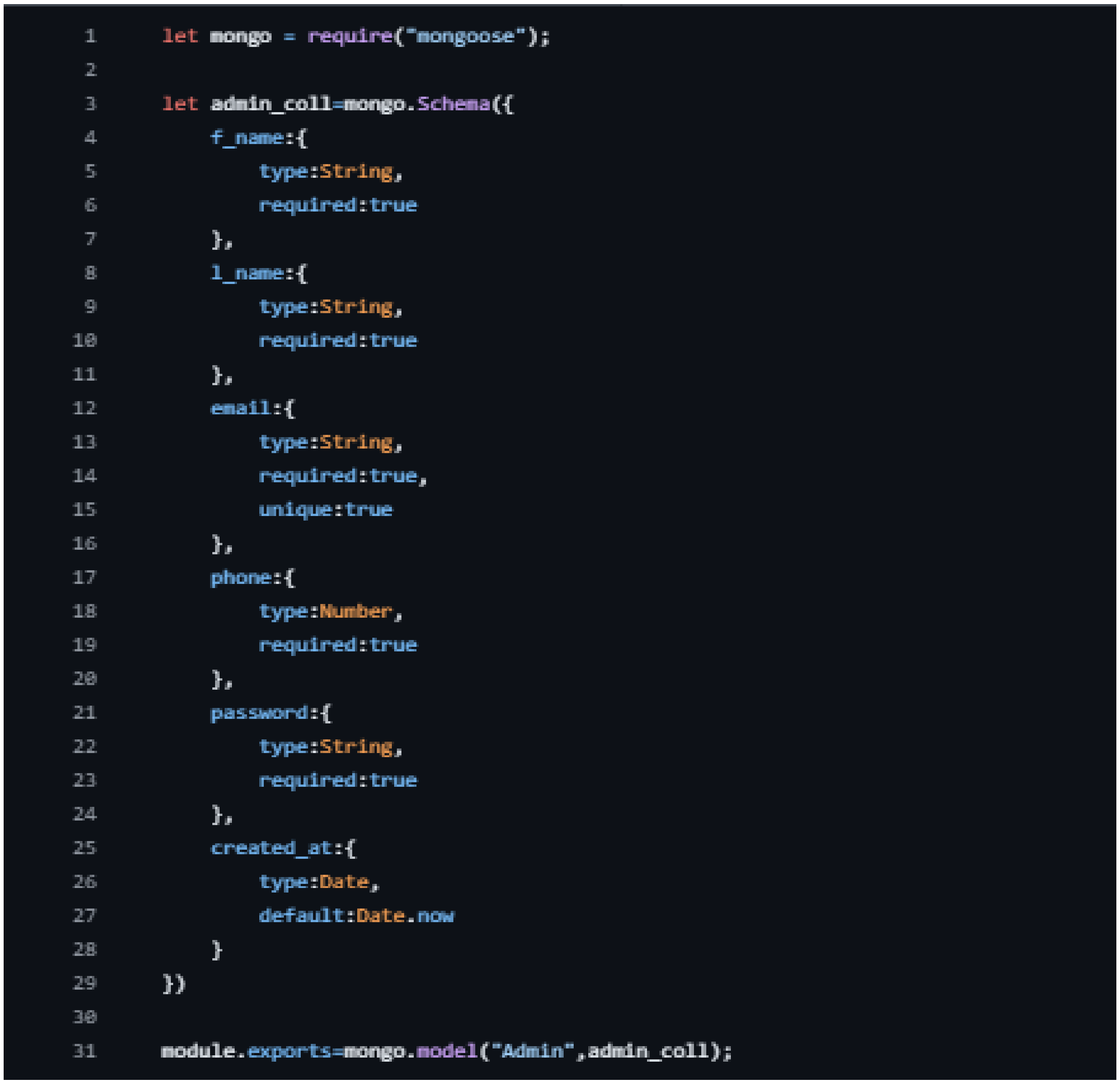


```
export default function Schedule_details() {
    const [schedule_data, setSchedule_data] = useState([]);
    const [currentPage, setCurrentPage] = useState(1);
    const itemsPerPage = 6;

    useEffect(() => {
        get_data();
    }, []);

    async function get_data() {
        try {
            const response = await axios.get("http://localhost:4000/eproject/get_schedule");
            setSchedule_data(response.data);
        } catch (e) {
            console.error(e);
        }
    }

    async function delete_data(id) {
        try {
            if (window.confirm("Are You Sure You Want To Delete This User")) {
                await axios.delete(`http://localhost:4000/eproject/del_schedule/${id}`);
                get_data();
                toast.info("This User's Data Has Been Deleted Successfully");
            }
        } catch (error) {
            toast.error(error.response?.data?.msg || "Error deleting data");
        }
    }
```

Backend

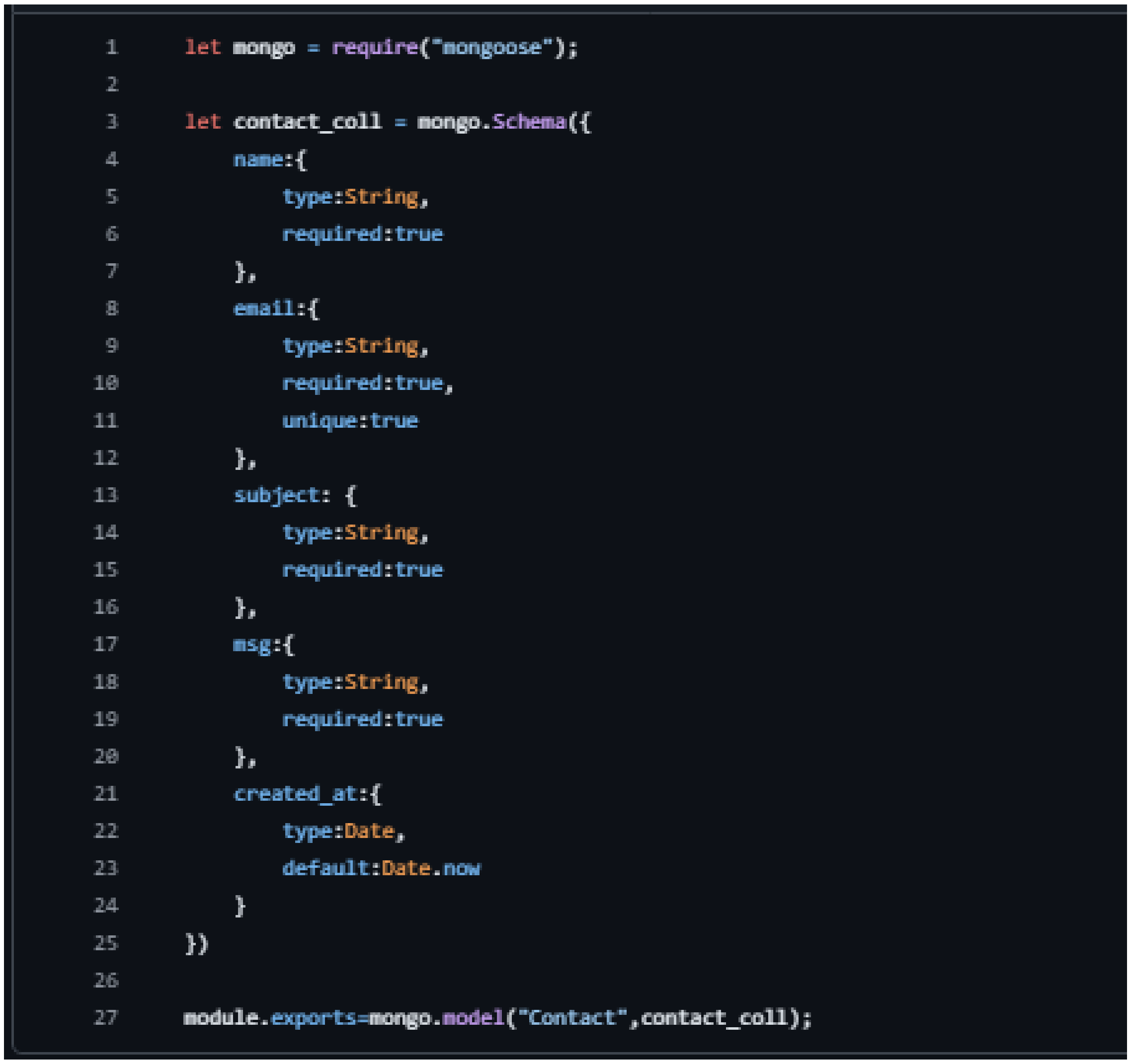
Collections

Admin Collection Code



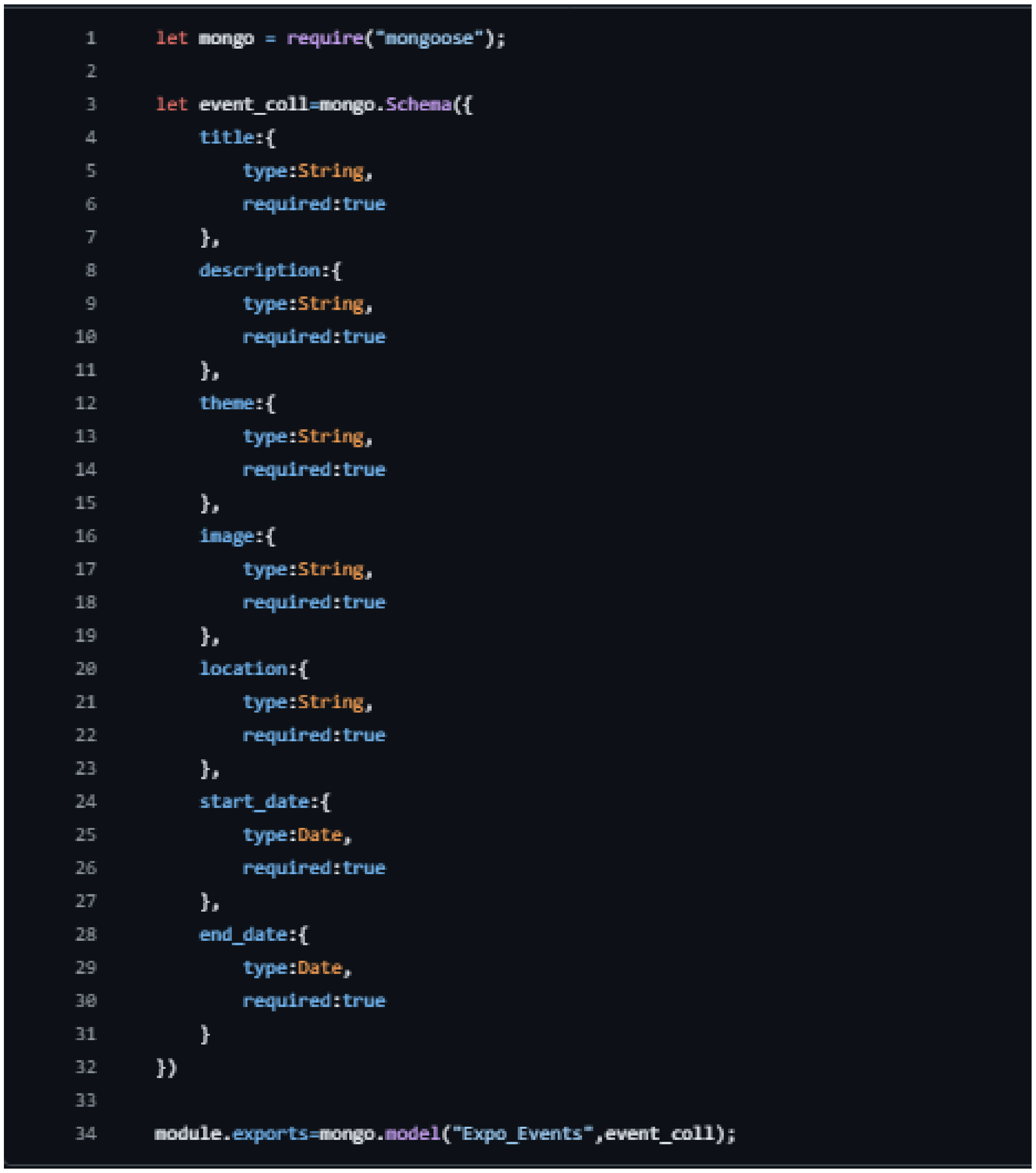
```
let mongo = require("mongoose");

let admin_coll=mongo.Schema({
    f_name:{
        type:String,
        required:true
    },
    l_name:{
        type:String,
        required:true
    },
    email:{
        type:String,
        required:true,
        unique:true
    },
    phone:{
        type:Number,
        required:true
    },
    password:{
        type:String,
        required:true
    },
    created_at:{
        type:Date,
        default:Date.now
    }
})

module.exports=mongo.model("Admin",admin_coll);
```

Contact Collection Code



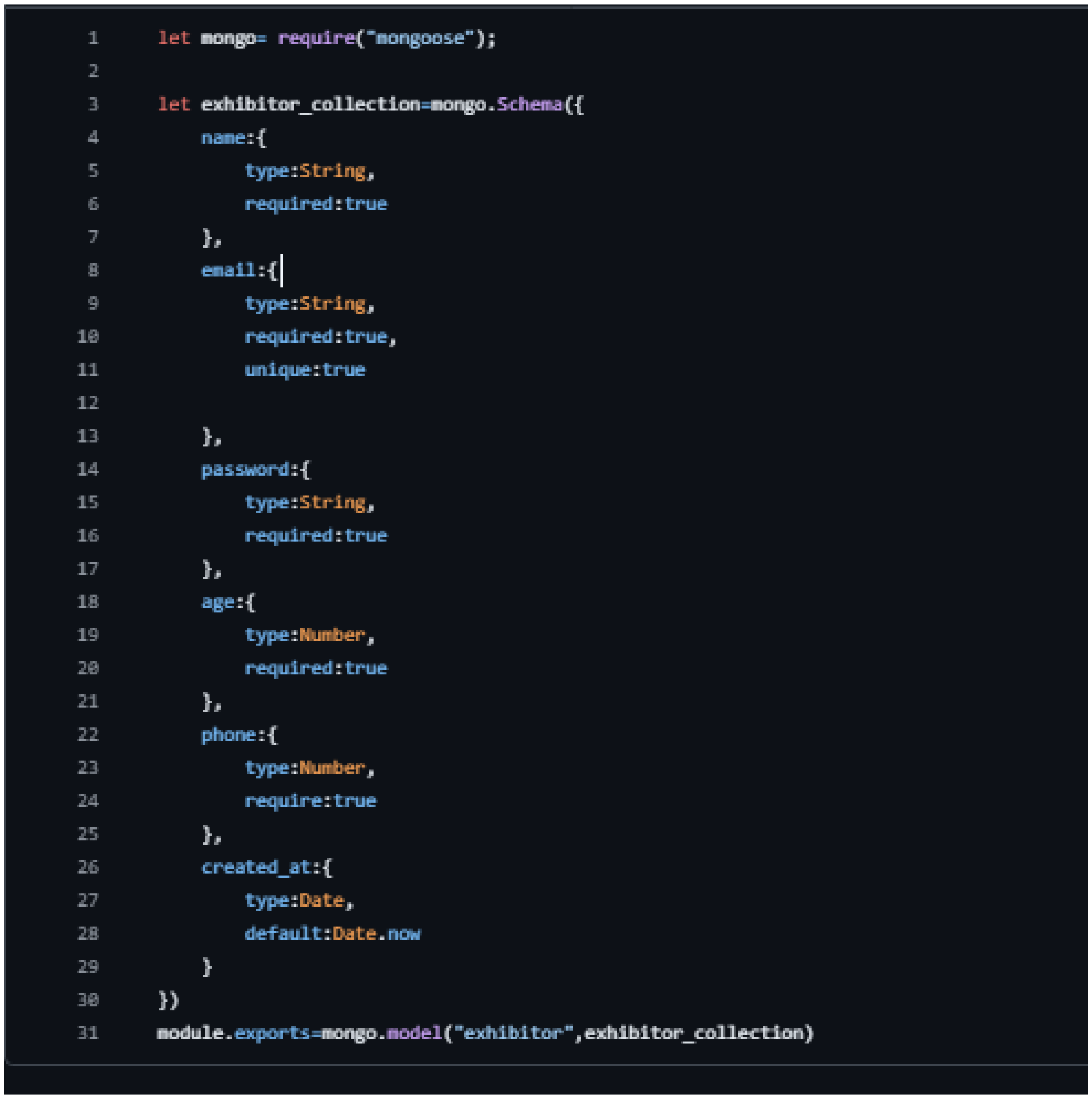
```
let mongo = require("mongoose");

let contact_coll = mongo.Schema({
    name:{
        type:String,
        required:true
    },
    email:{
        type:String,
        required:true,
        unique:true
    },
    subject: {
        type:String,
        required:true
    },
    msg:{
        type:String,
        required:true
    },
    created_at:{
        type:Date,
        default:Date.now
    }
})

module.exports=mongo.model("Contact",contact_coll);
```

Event Collection Code



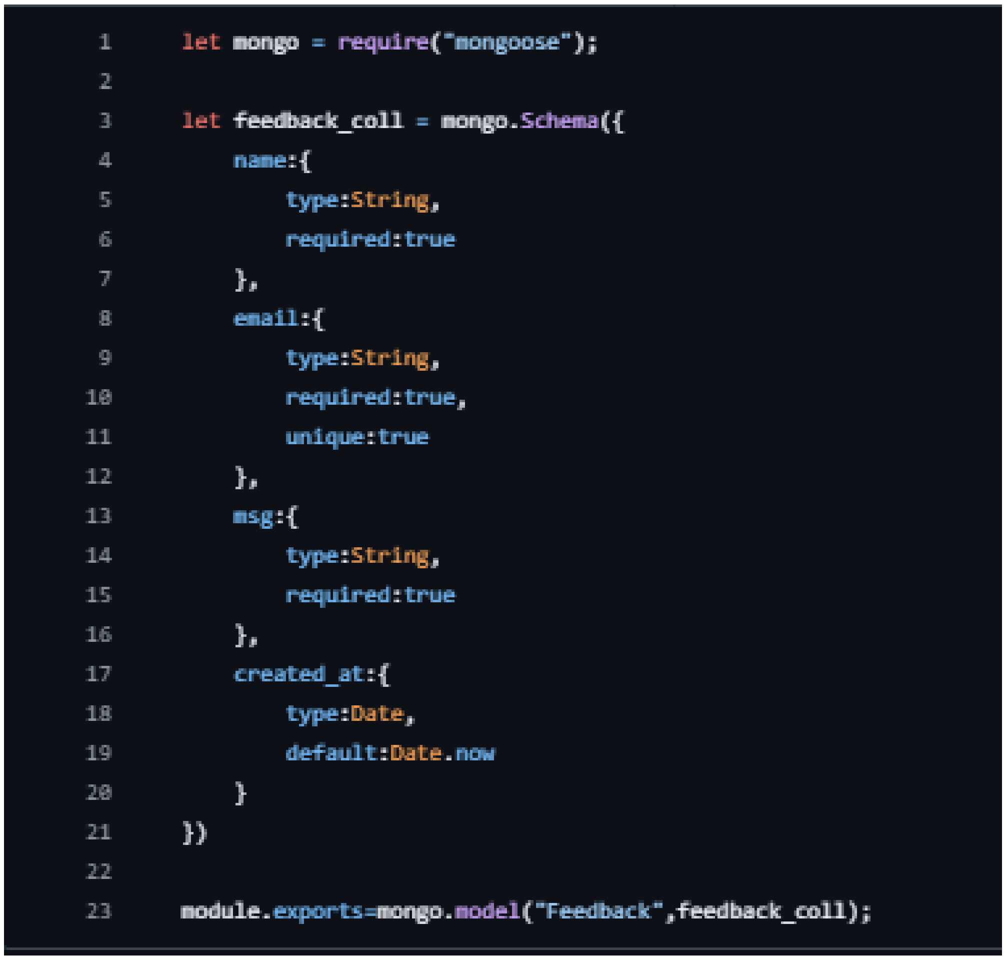
```
let mongo = require("mongoose");

let event_coll=mongo.Schema({
    title:{
        type:String,
        required:true
    },
    description:{
        type:String,
        required:true
    },
    theme:{
        type:String,
        required:true
    },
    image:{
        type:String,
        required:true
    },
    location:{
        type:String,
        required:true
    },
    start_date:{
        type:Date,
        required:true
    },
    end_date:{
        type:Date,
        required:true
    }
})

module.exports=mongo.model("Expo_Events",event_coll);
```

Exhibitor Collection Code



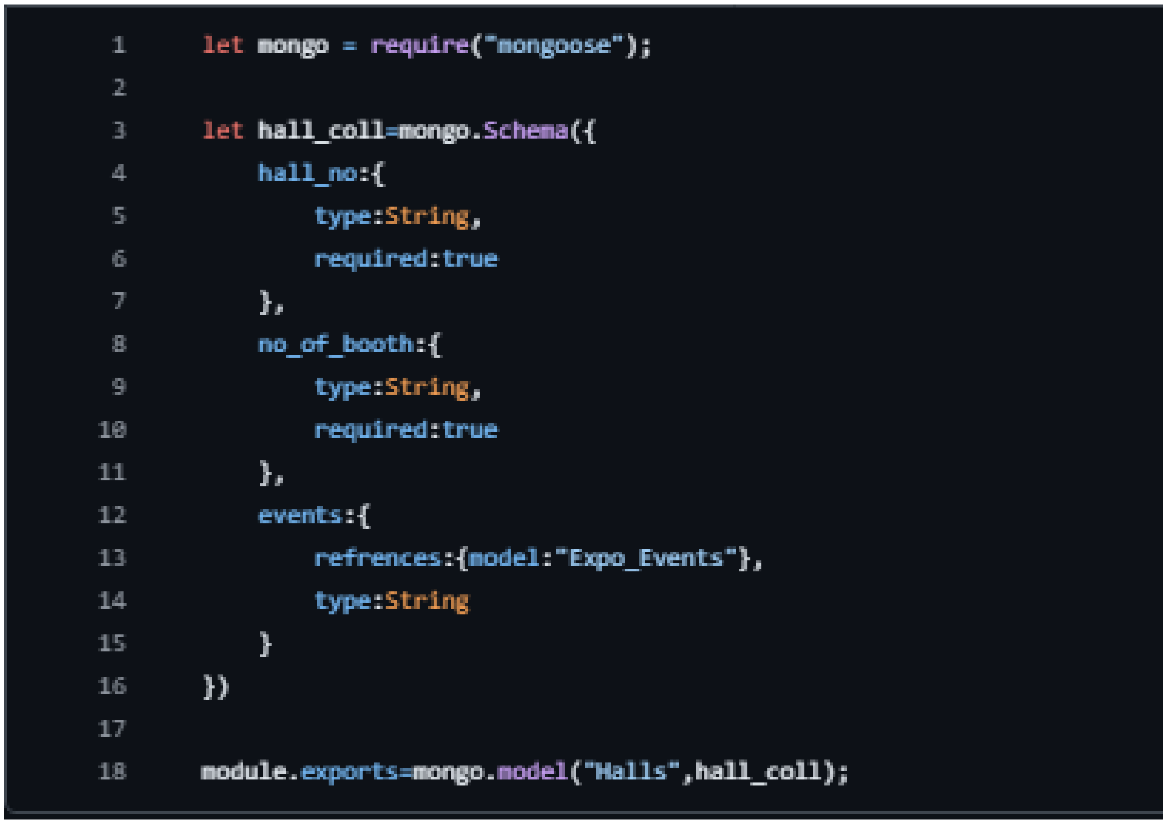
```
let mongo= require("mongoose");

let exhibitor_collection=mongo.Schema({
    name:{
        type:String,
        required:true
    },
    email:{
        type:String,
        required:true,
        unique:true

    },
    password:{
        type:String,
        required:true
    },
    age:{
        type:Number,
        required:true
    },
    phone:{
        type:Number,
        require:true
    },
    created_at:{
        type:Date,
        default:Date.now
    }
})
module.exports=mongo.model("exhibitor",exhibitor_collection)
```

Feedback Collection Code



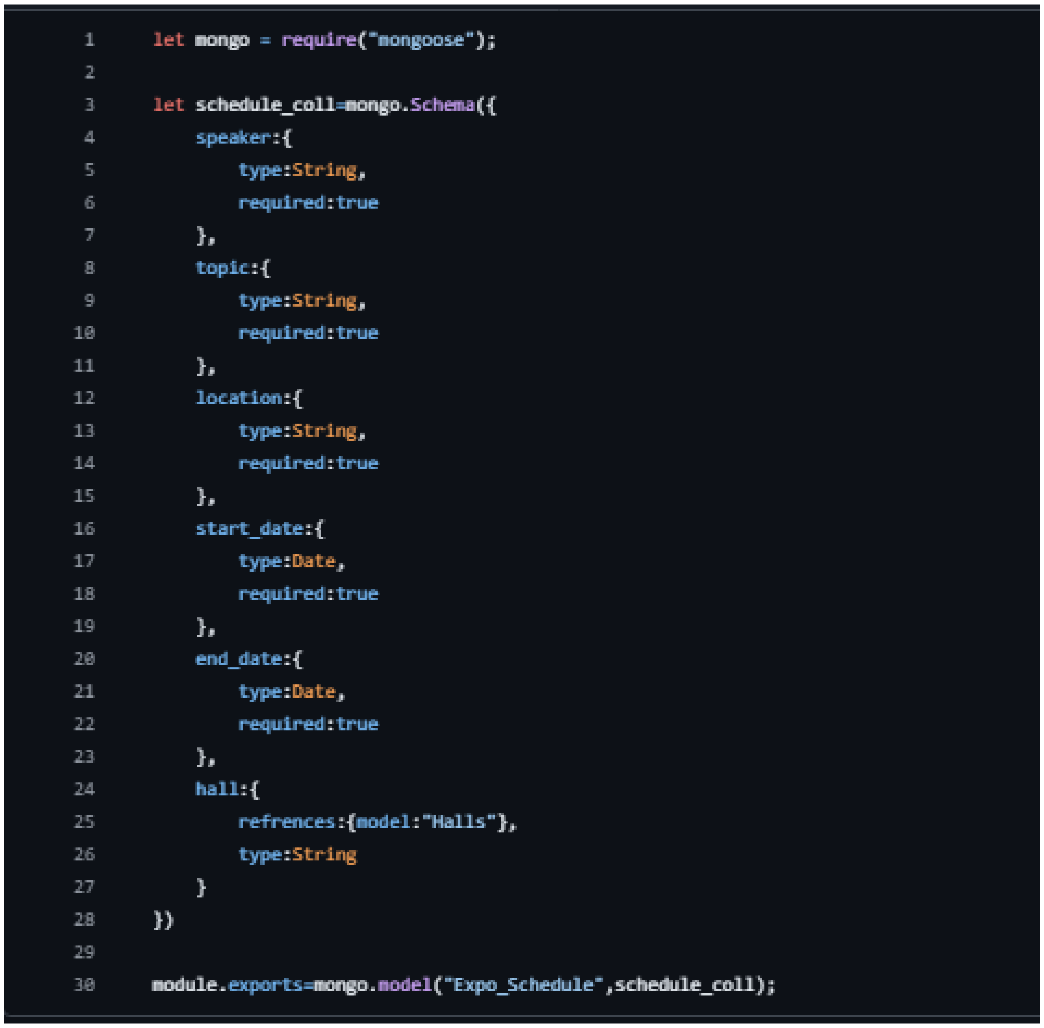
```
let mongo = require("mongoose");

let feedback_coll = mongo.Schema({
    name:{
        type:String,
        required:true
    },
    email:{
        type:String,
        required:true,
        unique:true
    },
    msg:{
        type:String,
        required:true
    },
    created_at:{
        type:Date,
        default:Date.now
    }
})

module.exports=mongo.model("Feedback",feedback_coll);
```

Hall Collection Code



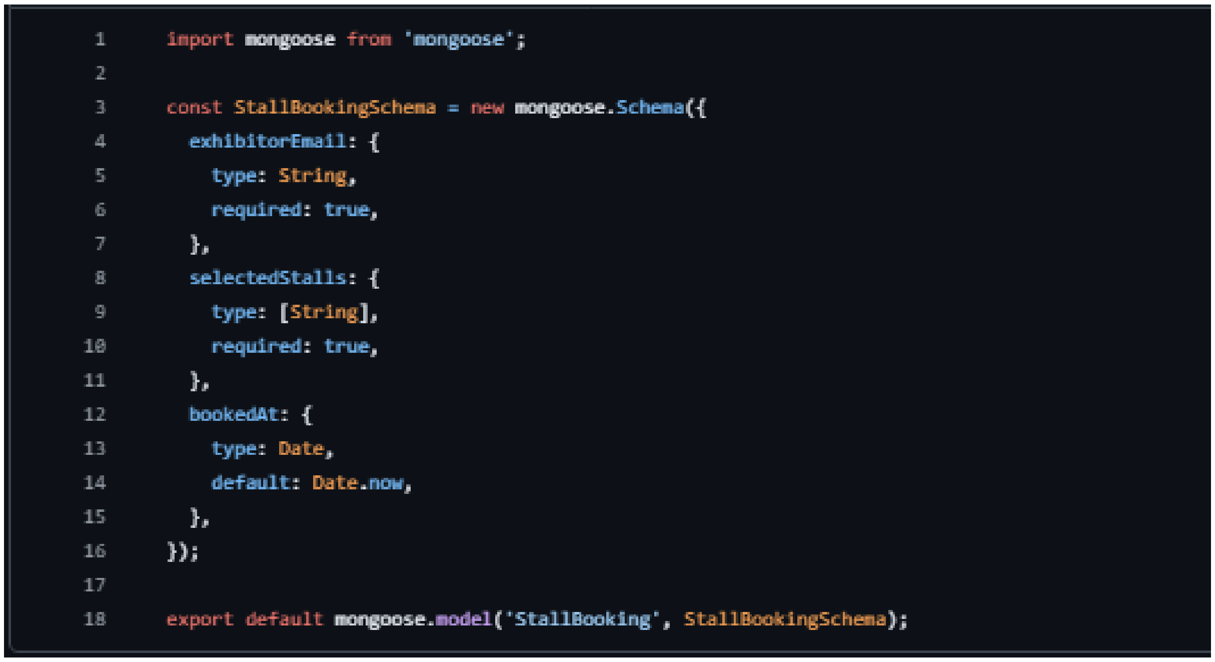
```
let mongo = require("mongoose");

let hall_coll=mongo.Schema({
    hall_no:{
        type:String,
        required:true
    },
    no_of_booth:{
        type:String,
        required:true
    },
    events:{
        refrences:{model:"Expo_Events"},
        type:String
    }
})

module.exports=mongo.model("Halls",hall_coll);
```

Schedule Collection Code



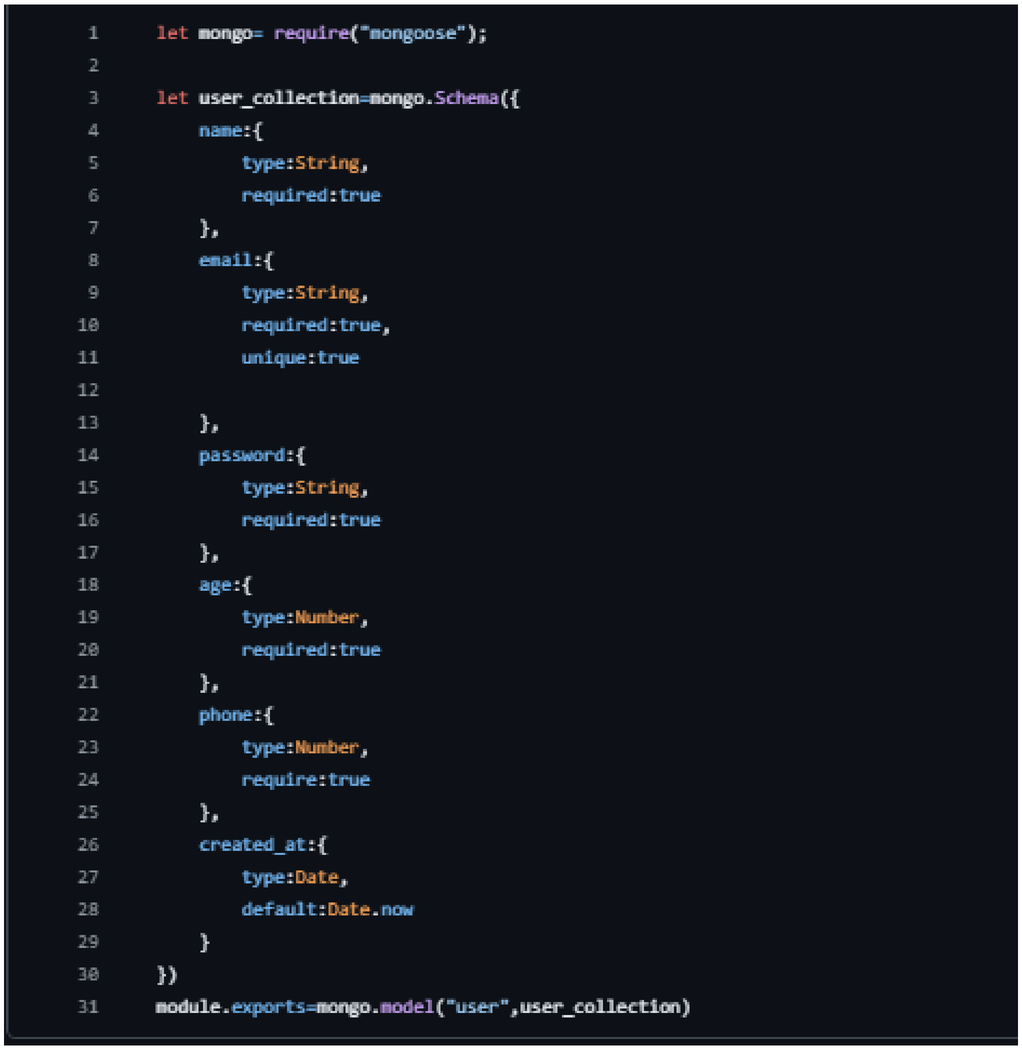
```
let mongo = require("mongoose");

let schedule_coll=mongo.Schema({
    speaker:{
        type:String,
        required:true
    },
    topic:{
        type:String,
        required:true
    },
    location:{
        type:String,
        required:true
    },
    start_date:{
        type:Date,
        required:true
    },
    end_date:{
        type:Date,
        required:true
    },
    hall:{
        refrences:{model:"Halls"},
        type:String
    }
})

module.exports=mongo.model("Expo_Schedule",schedule_coll);
```

Stall’s Booking Collection Code



```
import mongoose from 'mongoose';

const StallBookingSchema = new mongoose.Schema({
  exhibitorEmail: {
    type: String,
    required: true,
  },
  selectedStalls: {
    type: [String],
    required: true,
  },
  bookedAt: {
    type: Date,
    default: Date.now,
  },
});

export default mongoose.model('StallBooking', StallBookingSchema);
```

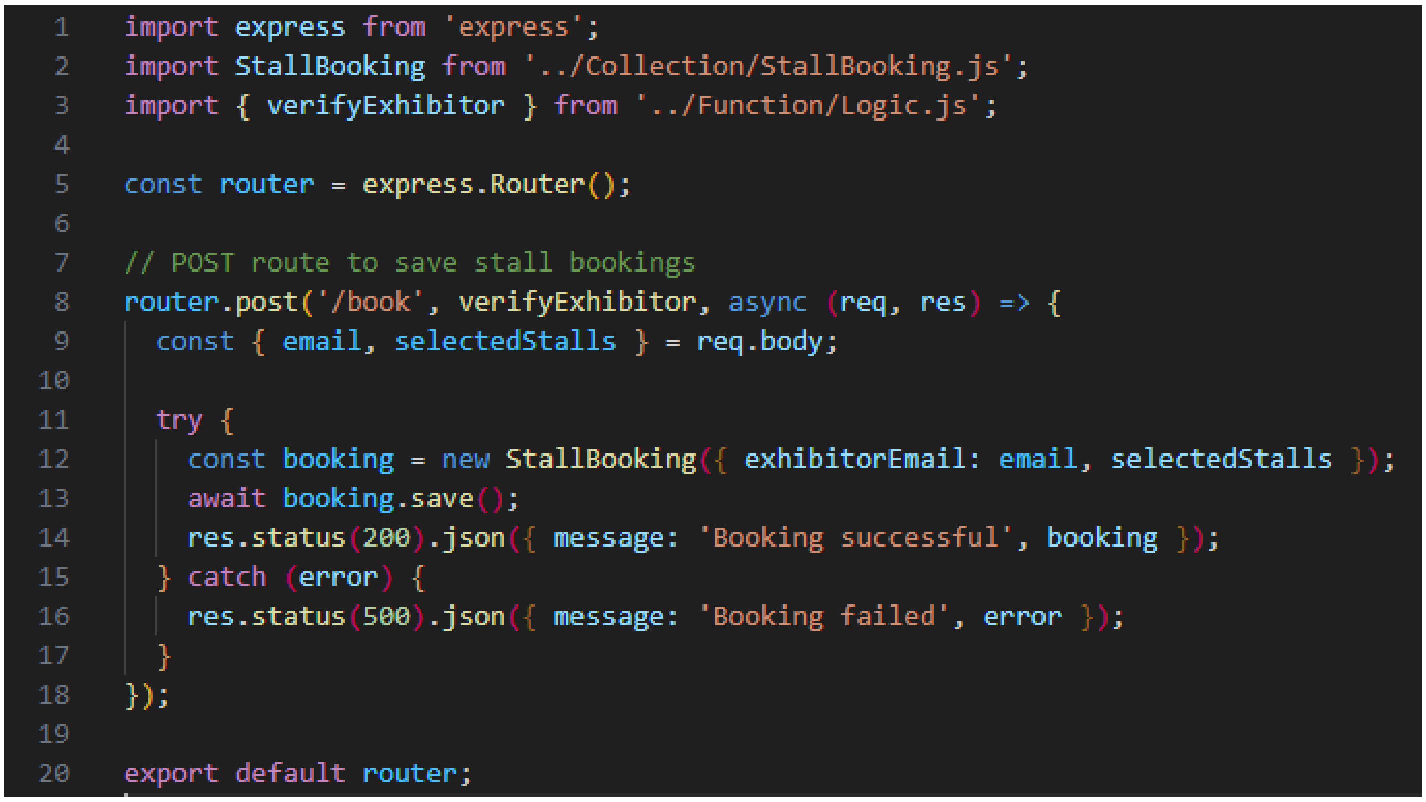
User Collection Code



```
let mongo= require("mongoose");

let user_collection=mongo.Schema({
    name:{
        type:String,
        required:true
    },
    email:{
        type:String,
        required:true,
        unique:true

    },
    password:{
        type:String,
        required:true
    },
    age:{
        type:Number,
        required:true
    },
    phone:{
        type:Number,
        require:true
    },
    created_at:{
        type:Date,
        default:Date.now
    }
})
module.exports=mongo.model("user",user_collection)
```

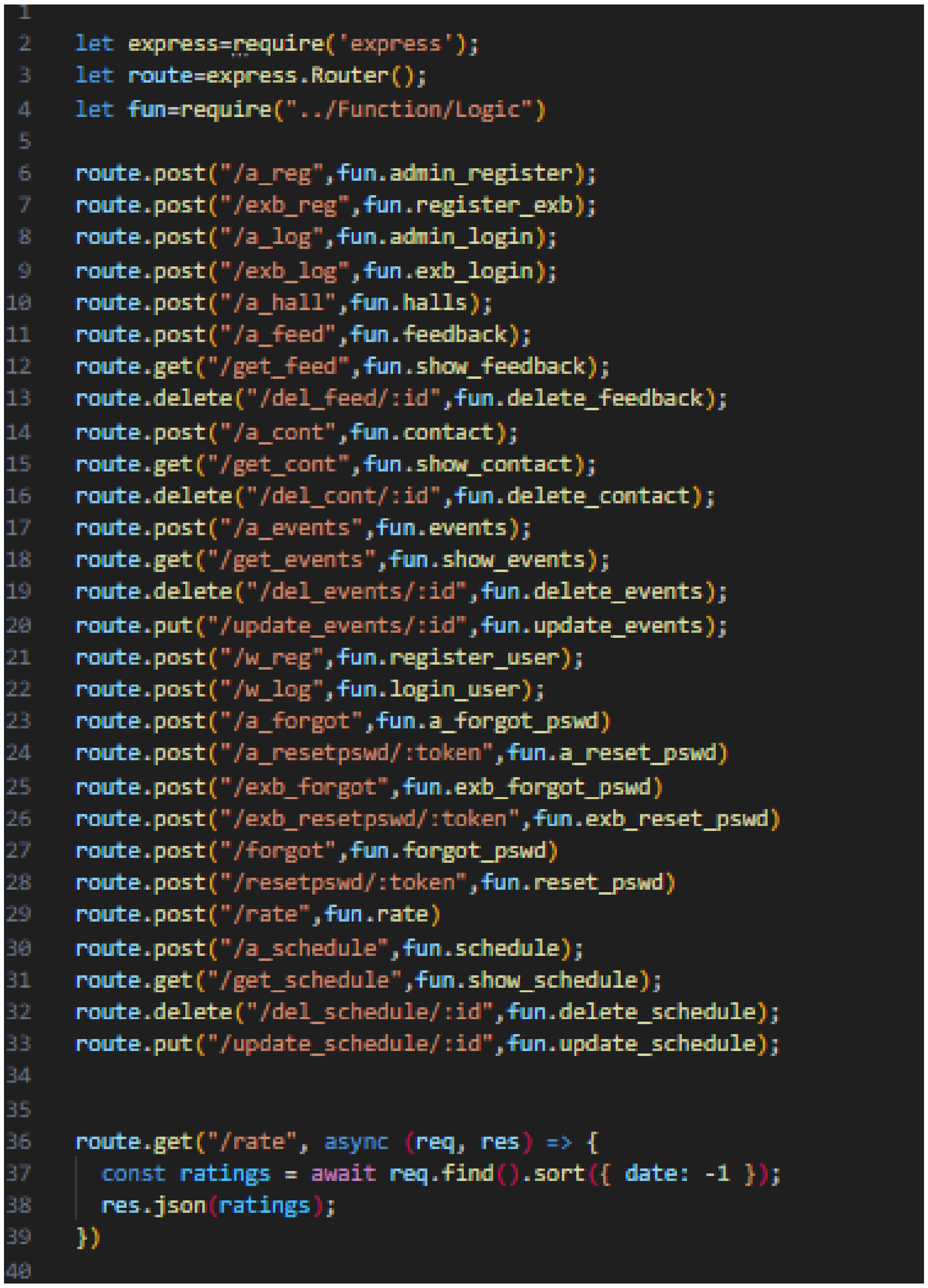
Routes

Stall's Booking Route



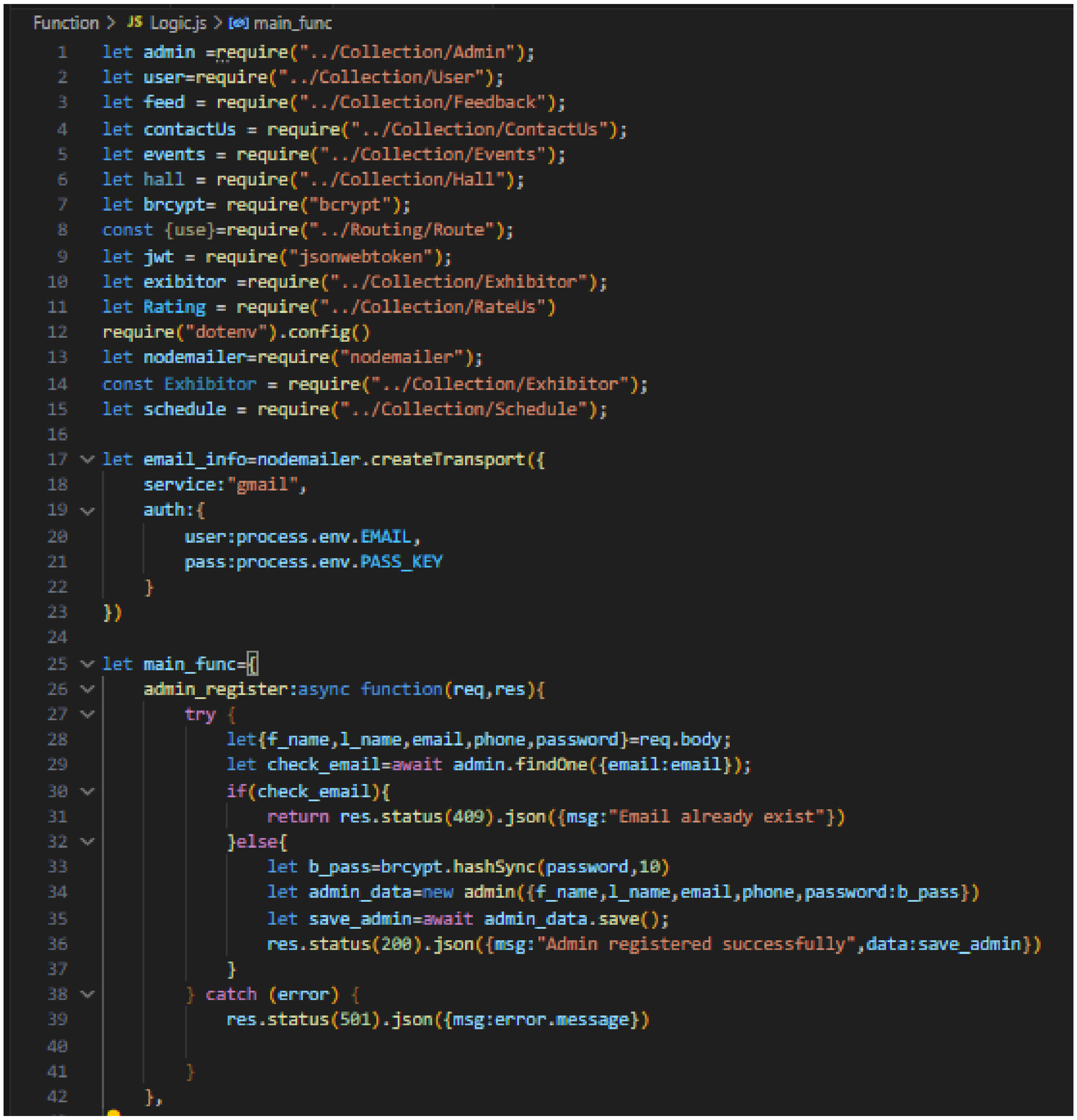
```javascript
import express from 'express';
import StallBooking from '../Collection/StallBooking.js';
import { verifyExhibitor } from '../Function/Logic.js';

const router = express.Router();

// POST route to save stall bookings
router.post('/book', verifyExhibitor, async (req, res) => {
  const { email, selectedStalls } = req.body;

  try {
    const booking = new StallBooking({ exhibitorEmail: email, selectedStalls });
    await booking.save();
    res.status(200).json({ message: 'Booking successful', booking });
  } catch (error) {
    res.status(500).json({ message: 'Booking failed', error });
  }
});

export default router;
```

All Routes



```javascript

let express=require('express');
let route=express.Router();
let fun=require("../Function/Logic")

route.post("/a_reg",fun.admin_register);
route.post("/exb_reg",fun.register_exb);
route.post("/a_log",fun.admin_login);
route.post("/exb_log",fun.exb_login);
route.post("/a_hall",fun.halls);
route.post("/a_feed",fun.feedback);
route.get("/get_feed",fun.show_feedback);
route.delete("/del_feed/:id",fun.delete_feedback);
route.post("/a_cont",fun.contact);
route.get("/get_cont",fun.show_contact);
route.delete("/del_cont/:id",fun.delete_contact);
route.post("/a_events",fun.events);
route.get("/get_events",fun.show_events);
route.delete("/del_events/:id",fun.delete_events);
route.put("/update_events/:id",fun.update_events);
route.post("/w_reg",fun.register_user);
route.post("/w_log",fun.login_user);
route.post("/a_forgot",fun.a_forgot_pswd)
route.post("/a_resetpswd/:token",fun.a_reset_pswd)
route.post("/exb_forgot",fun.exb_forgot_pswd)
route.post("/exb_resetpswd/:token",fun.exb_reset_pswd)
route.post("/forgot",fun.forgot_pswd)
route.post("/resetpswd/:token",fun.reset_pswd)
route.post("/rate",fun.rate)
route.post("/a_schedule",fun.schedule);
route.get("/get_schedule",fun.show_schedule);
route.delete("/del_schedule/:id",fun.delete_schedule);
route.put("/update_schedule/:id",fun.update_schedule);


route.get("/rate", async (req, res) => {
  const ratings = await req.find().sort({ date: -1 });
  res.json(ratings);
})

```

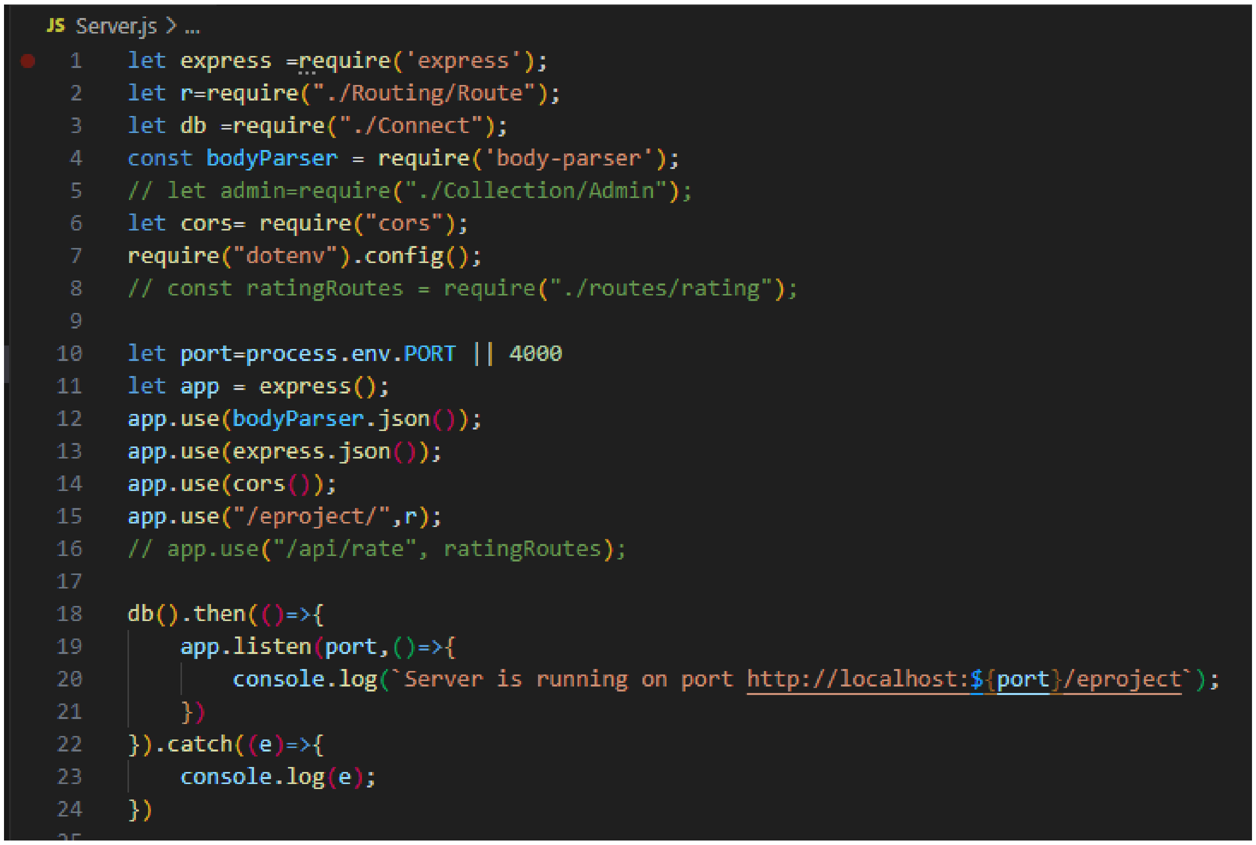
All Funtion's Logics



Function > JS Logic.js > main_func

```javascript
let admin =require("../Collection/Admin");
let user=require("../Collection/User");
let feed = require("../Collection/Feedback");
let contactUs = require("../Collection/ContactUs");
let events = require("../Collection/Events");
let hall = require("../Collection/Hall");
let brcypt= require("bcrypt");
const {use}=require("../Routing/Route");
let jwt = require("jsonwebtoken");
let exibitor =require("../Collection/Exhibitor");
let Rating = require("../Collection/RateUs")
require("dotenv").config()
let nodemailer=require("nodemailer");
const Exhibitor = require("../Collection/Exhibitor");
let schedule = require("../Collection/Schedule");

let email_info=nodemailer.createTransport({
    service:"gmail",
    auth:{
        user:process.env.EMAIL,
        pass:process.env.PASS_KEY
    }
})

let main_func={
    admin_register:async function(req,res){
        try {
            let{f_name,l_name,email,phone,password}=req.body;
            let check_email=await admin.findOne({email:email});
            if(check_email){
                return res.status(409).json({msg:"Email already exist"})
            }else{
                let b_pass=brcypt.hashSync(password,10)
                let admin_data=new admin({f_name,l_name,email,phone,password:b_pass})
                let save_admin=await admin_data.save();
                res.status(200).json({msg:"Admin registered successfully",data:save_admin})
            }
        } catch (error) {
            res.status(501).json({msg:error.message})

        }
    },
```

Server.js File’s Code



JS Server.js > ...

```javascript
let express =require('express');
let r=require("./Routing/Route");
let db =require("./Connect");
const bodyParser = require('body-parser');
// let admin=require("./Collection/Admin");
let cors= require("cors");
require("dotenv").config();
// const ratingRoutes = require("./routes/rating");

let port=process.env.PORT || 4000
let app = express();
app.use(bodyParser.json());
app.use(express.json());
app.use(cors());
app.use("/eproject/",r);
// app.use("/api/rate", ratingRoutes);

db().then(()=>{
    app.listen(port,()=>{
        console.log(`Server is running on port http://localhost:${port}/eproject`);
    })
}).catch((e)=>{
    console.log(e);
})
```