

SE3040 – Application Frameworks

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Health

The decision to look for a new doctor may be one you've recently decided to make because of a number of different factors. In that type of situation people must change their family doctor or find a new doctor. So, people has to find trustworthy, qualified, respected and matching specialization for your need

Doctor finder is a web app that can find doctor details and specialization, education level and trusted data about doctors. So after knowing about details patient can always be comfortable around doctors.

In this application users can view doctor details

The screenshot shows a web browser at localhost:3000 displaying the 'Doctor Finder' application. The navigation bar includes links for 'Doctor', 'View All Specialization', 'View All Doctors', 'Create Doctor', 'Create Specialization', and a 'Logout' button. The main content area displays six doctor profiles in a 2x3 grid. Each profile card contains the doctor's name, a brief description of their specialization, contact details (email and mobile number), and the hospital they work at.

Doctor Name	Specialization	Contact Details	Working Hospital
MD-PhD.Sandamini	MD-PhD.Umesha Sandamini	e-mail : Sandamini.J@gmail.com Mobile Number : 10452547805	De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo
Master of Surgery.Pramuditha	Master of Surgery.Pasan Pramuditha	e-mail : POP@gmail.com Mobile Number : 457865694524	Colombo South Teaching Hospital, Kalubowila
Bachelor of Medical Sciences.Dissanayake	Bachelor of Medical Sciences.Madushani Dissanayake	e-mail : M.Dissanayake@gmail.com Mobile Number : 15418541521	Sri Jayawardanepura General Hospital, Sri Jayawardanepura
Master of Medicine.Akmeemana	Master of Medicine.Dulsara Akmeemana	e-mail : D.Akmeemana@gmail.com Mobile Number : 45487515641	De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo
Master of Surgery.Arunthawaraja	Master of Surgery.Labeeshan Arunthawaraja	e-mail : A.labeeshan Mobile Number : 65416846845	National Institute of Mental Health (Angoda Mental Hospital), Angoda
Dr.Satharasinghe	Dr.Raman Satharasinghe	e-mail : R.Satharasinghe@gmail.com Mobile Number : 145678954547	Sirimavo Bandaranayake Specialized Children Hospital (Teaching), Peradeniya

With full details user can understand what kind of doctor user need.

Most of the time users are not familiar with medical terms so using doctor finder user can study about specializations of the doctor and with brief explanation will helpful to understanding of the

medical terms in the specialization

The screenshot shows a web browser at localhost:3000/viewspecialization. The navigation bar includes 'Doctor Finder', 'Doctor', 'View All Specialization', 'View All Doctors', 'Create Doctor', 'Create Specialization', and a 'Logout' button. The main content area displays six specialization cards in a 2x3 grid:

- Addiction psychiatrist.**
Addiction psychiatry is a medical subspecialty within psychiatry that focuses on the evaluation, diagnosis, and treatment of people who are suffering from one or more disorders related to addiction.
- Cardiologist**
Cardiology is a branch of medicine that deals with the disorders of the heart as well as some parts of the circulatory system.
- Cardiovascular surgeon**
A cardiothoracic surgeon is a medical doctor who specializes in surgical procedures of the heart, lungs, esophagus, and other organs in the chest.
- Adolescent medicine specialist**
Adolescent medicine specialists have extra training in the medical and emotional issues that many teens face. They're taught to deal with topics like reproductive health, drugs, eating disorders, irregular periods, mood changes, questions about sexual identity, and problems at home or school.
- Allergist (immunologist)**
An allergist / immunologist (commonly referred to as an allergist) is a physician specially trained to diagnose, treat and manage allergies, asthma and immunologic disorders including primary immunodeficiency disorders.
- Colon and rectal surgeon**
A Colorectal Surgeon is a physician who specializes in the diagnosis and treatment of anorectal and colorectal conditions (conditions of the colon, rectum and anus).

The footer displays 'IT18018042 - Rathnakumara G.G.K.M'.

If user need to find the doctors according to their specialization users can click on the specialization and view doctors belong to the selected specialization

The screenshot shows a web browser at localhost:3000/SpecializedDoctors/See506770591f89f24a9d510. The navigation bar is identical to the previous page. The main content area displays two doctor profiles in a 2x1 grid:

- Master of Surgery.Pramuditha**
Doctor Name : Master of Surgery.Pasan Pramuditha
contact details
e-mail : POP@gmail.com
Mobile Number : 457865694524
Working Hospital : Colombo South Teaching Hospital, Kalubowila
- Master of Medicine.Akmeemana**
Doctor Name : Master of Medicine.Dulsara Akmeemana
contact details
e-mail : D.Akmeemana@gmail.com
Mobile Number : 45487515641
Working Hospital : De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo

The footer displays 'IT18018042 - Rathnakumara G.G.K.M'.

In doctor finder only the logged in user can add new data to the system. Logged in users can ADD, DELETE, UPDATE, VIEW (CRUD) operation in the system. For that users can simply logged in

[Doctor Finder](#)
[Doctor](#)
[View All Specialization](#)
[View All Doctors](#)
[Create Doctor](#)
[Create Specialization](#)
[Logout](#)

Doctor List

First Name	Last Name	Doctor Type	Gender	email	contactNo	contactNo	Working Hospital	Action
Umesha	Sandamini	MD-PhD	Female	Sandamini.J@gmail.com	10452547805	345/dw, Malabe,	De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo	Edit Delete
Pasan	Pramuditha	Master of Surgery	Male	POP@gmail.com	457865694524	748/dw, Dote, Galle	Colombo South Teaching Hospital, Kalubowila	Edit Delete
Madushani	Dissanayake	Bachelor of Medical Sciences	Female	M.Dissanayake@gmail.com	15418541521	484/dw , Polgahayata, Kandy	Sri Jayawardanepura General Hospital, Sri Jayawardanepura	Edit Delete
Dulsara	Akmeemana	Master of Medicine	Male	DAkmeemana@gmail.com	45487515641	154/ef, diyawannwa, ethul kotte	De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo	Edit Delete
Labeeshan	Arunthawaraja	Master of Surgery	Male	A.labeeshan	65416846845	787/r2 , aluthkade	National Institute of Mental Health (Angoda Mental Hospital), Angoda	Edit Delete
Raman	Satharasinghe	Dr	Male	RSatharasinghe@gmail.com	145678954547	789/gd , Akkara8 , Piliyandala	Sirimavo Bandaranayake Specialized Children Hospital (Teaching), Peradeniya	Edit Delete

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Doctor View Delete

[Doctor Finder](#)
[Doctor](#)
[View All Specialization](#)
[View All Doctors](#)
[Create Doctor](#)
[Create Specialization](#)
[Logout](#)

Update Doctor Details

First Name :

Last Name:

Doctor Type :

Specialization :

Gender

☐ Male
☒ Female

e-mail :

Contact Number :

Address :

DoctorUpdate

[Doctor Finder](#)
[Doctor](#)
[View All Specialization](#)
[View All Doctors](#)
[Create Doctor](#)
[Create Specialization](#)
[Logout](#)

Create new Doctor

First Name :

Last Name:

Doctor Type :

User Name

Gender

☐ Male
☐ Female

e-mail :

Contact Number :

Address :

Doctor create

Doctor Finder Doctor View All Specialization View All Doctors Create Doctor Create Specialization Logout

Create new specialization

Specialization :

Specialization Details:

Create new Specialization

Specialization List

Specialization	Specialization Details	Action
Addiction psychiatrist.	Addiction psychiatry is a medical subspecialty within psychiatry that focuses on the evaluation, diagnosis, and treatment of people who are suffering from one or more disorders related to addiction.	Edit Delete
Cardiologist	Cardiology is a branch of medicine that deals with the disorders of the heart as well as some parts of the circulatory system.	Edit Delete
Cardiovascular surgeon	A cardiothoracic surgeon is a medical doctor who specializes in surgical procedures of the heart, lungs, esophagus, and other organs in the chest.	Edit Delete
Adolescent medicine specialist	Adolescent medicine specialists have extra training in the medical and emotional issues that many teens face. They're taught to deal with topics like reproductive health, drugs, eating disorders, irregular periods, mood changes, questions about sexual identity, and problems at home or school.	Edit Delete

Specialization create delete View

Doctor Finder Doctor View All Specialization View All Doctors Create Doctor Create Specialization Logout

Update Specialization

First Name :

Last Name:

Update Specialization

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Specialization Update

Doctor Finder Doctor View All Specialization Sign Up Sign In

Create User Accounts

Enter Name

Enter the email

Enter the email

Enter the email

Submit

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Register

Doctor Finder Doctor View All Specialization Sign Up Sign In

Log in

Email

Password

Log in

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Login

Doctor Finder Doctor View All Specialization Sign Up Sign In

Access control guest user Navigation Bar

Doctor Finder Doctor View All Specialization View All Doctors Create Doctor Create Specialization Logout

Logged In user Navigation bar

Implementation of main three functions

Doctor

Doctor.route

```
const router= require("express").Router();
const Doctor = require('../models/Doctor');

router.route('/').get(function(req, res) {
  Doctor.find(function(err, doctor) {
    if (err) {
      console.log(err);
    } else {
      res.json(doctor);
    }
  });
});

router.route('/:id').get(function(req, res) {
  let id = req.params.id;
  Doctor.findById(id, function(err, doctor) {
    res.json(doctor);
  });
});

router.route('/update/:id').post(function(req, res) {
  Doctor.findById(req.params.id, function(err, doctor) {
    if (!doctor)
      res.status(404).send("data is not found");
    else

    doctor.FirstName = req.body.FirstName;
    doctor.LastName = req.body.LastName;
    doctor.doctorType = req.body.doctorType;
    doctor.specialization = req.body.specialization;
    doctor.gender = req.body.gender;
    doctor.email = req.body.email;
    doctor.contactNo = req.body.contactNo;
```

```

        doctor.address = req.body.address;
        doctor.hospital = req.body.hospital;

        doctor.save().then(doctor => {
            res.json('user updated!');
        })
        .catch(err => {
            res.status(400).send("Update not possible");
        });
    });
});

router.route('/add').post(function(req, res) {
    let doctor = new Doctor(req.body);
    doctor.save()
        .then(doctor => {
            res.status(200).json({'user': 'user added successfully'});
        })
        .catch(err => {
            res.status(400).send('adding new user failed');
        });
});

router.route('/delete/:id').get(function (req, res) {
    Doctor.findByIdAndRemove({_id: req.params.id}, function(err, doctor){
        if(err) res.json(err);
        else res.json('Successfully removed');
    });
});

router.get("/specDoctor/doctor_by_id", (req, res) => {
    let type = req.query.type;
    let specializationIds = req.query.id;

    console.log(specializationIds)
    if (type === "array") {
        let ids = req.query.id.split(',');
        specializationIds = [];
        specializationIds = ids.map(item => {
            return item
        })
    }

    //we need to find the product information that belong to product Id
    Doctor.find({ 'specialization': { $in: specializationIds } })
        .populate('writer')
        .exec((err, product) => {
            if(err) return req.status(400).send(err)
            return res.status(200).send(product)
        })
});

module.exports = router;

```

doctor.model

```
const mongoose = require('mongoose');
const Schema = mongoose.Schema;

const DoctorShema = new Schema({
  FirstName:{
    type:String
  },
  LastName:{
    type: String
  },
  doctorType:{
    type: String
  },
  specialization :{
    type:String
  },
  gender: {
    type: String
  },
  email:{
    type: String
  },
  contactNo:{
    type: String
  },
  address :{
    type: String
  },
  hospital:{
    type: String
  }
});

module.exports = mongoose.model('Doctor', DoctorShema);
```

createdoctor

```
import React,{Component} from "react";
import axios from 'axios';

export default class createdoctor extends Component{
  constructor(props) {
    super(props);

    this.onChangeFirstName = this.onChangeFirstName.bind(this);
    this.onChangeLastName = this.onChangeLastName.bind(this);
    this.onChangedoctorType = this.onChangedoctorType.bind(this);
    this.onChangespecialization = this.onChangespecialization.bind(this);
    this.onChangegender = this.onChangegender.bind(this);
  }
}
```

```

    this.onChangeemail = this.onChangeemail.bind(this);
    this.onChangecontactNo = this.onChangecontactNo.bind(this);
    this.onChangeaddress = this.onChangeaddress.bind(this);
    this.onChangehospital = this.onChangehospital.bind(this);
    this.onSubmit = this.onSubmit.bind(this);

    this.state = {
      FirstName:'',
      LastName:'',
      doctorType:'',
      specialization:'',
      gender:'',
      email:'',
      contactNo:'',
      address:'',
      hospital:'',
      specializations:[]
    }
  }

  componentDidMount() {
    axios.get('http://localhost:5000/specialization/').then(res =>{
      this.setState({
        specializations:res.data.map(specialization => specialization),
        specialization:res.data[0]
      });
      console.log(res.data)
    })
    .catch((err) => {
      console.log(err);
    })
    setInterval(this.setMessage,5000)
  }

  onChangeFirstName(e){
    this.setState({
      FirstName:e.target.value
    });
  }

  onChangeLastName(e){
    this.setState({
      LastName:e.target.value
    });
  }

  onChangedoctorType(e){
    this.setState({
      doctorType: e.target.value
    });
  }

  onChangespecialization(e){
    this.setState({
      specialization: e.target.value
    });
  }

```



```

    });
  }

  onChangegender(e){
    this.setState({
      gender: e.target.value
    });
  }

  onChangeemail(e){
    this.setState({
      email: e.target.value
    });
  }

  onChangecontactNo(e){
    this.setState({
      contactNo: e.target.value
    });
  }

  onChangeaddress(e){
    this.setState({
      address: e.target.value
    });
  }

  onChangehospital(e){
    this.setState({
      hospital: e.target.value
    });
  }

  onSubmit(e){
    e.preventDefault();
    console.log('Submitted');

    const newDoctor = {

      FirstName: this.state.FirstName,
      LastName: this.state.LastName,
      doctorType: this.state.doctorType,
      specialization: this.state.specialization,
      gender: this.state.gender,
      email: this.state.email,
      contactNo: this.state.contactNo,
      address: this.state.address,
      hospital: this.state.hospital

    };

    axios.post('http://localhost:5000/doctor/add', newDoctor)
      .then(res => console.log(res.data));

    this.setState({

```

```

        FirstName: '',
        LastName: '',
        doctorType: '',
        specialization: '',
        gender: '',
        email: '',
        contactNo: '',
        address: '',
        hospital: ''
    })
}

render() {
    return (
        <>
        <div className='container'>
            <div style={{marginTop: 10}}>
                <h3>Create new Doctor</h3>
                <form onSubmit={this.onSubmit}>
                    <div className="form-group">
                        <label>First Name : </label>
                        <input type="text"
                            className="form-control"
                            value={this.state.FirstName}
                            onChange={this.onChangeFirstName}
                        />
                    </div>
                    <div className="form-group">
                        <label>Last Name: </label>
                        <input
                            type="text"
                            className="form-control"
                            value={this.state.LastName}
                            onChange={this.onChangeLastName}
                        />
                    </div>
                    <div className="form-group">
                        <label>Doctor Type : </label>
                        <input type="text"
                            className="form-control"
                            value={this.state.doctorType}
                            onChange={this.onChangedoctorType}
                        />
                    </div>
                    <div className="form-group">
                        <label className="bmd-label-floating">User Name</label>
                        <select ref="userInput"
                            className="form-control rounded"
                            value={this.state.specializations._id}
                            onChange={this.onChangespecialization}>
                            {
this.state.specializations.map(function(specialization) {
                                return <option

```

```

        key={specialization}
        value={specialization._id}>{specialization.specialization}
      </option>;
    })
  }
</select>
</div>

<div className="form-group">
  <label className="form-check-label">Gender</label>
  <br/>
  <div className="form-check form-check-inline">
    <input
      className="form-check-input"
      type="radio"
      name="Gender"
      id="GenderMale"
      value="Male"
      checked={this.state.gender==='Male'}
      onChange={this.onChangegender}
    />
    <label className="form-check-label">Male</label>
  </div>
  <div className="form-check form-check-inline">
    <input
      className="form-check-input"
      type="radio"
      name="Gender"
      id="GenderFemale"
      value="Female"
      checked={this.state.gender==='Female'}
      onChange={this.onChangegender}
    />
    <label className="form-check-label">Female</label>
  </div>
</div>
<div className="form-group">
  <label>e-mail : </label>
  <input
    type="text"
    className="form-control"
    value={this.state.email}
    onChange={this.onChangeemail}
  />
</div>
<div className="form-group">
  <label>Contact Number : </label>
  <input
    type="text"
    className="form-control"
    value={this.state.contactNo}
    onChange={this.onChangecontactNo}
  />
</div>
<div className="form-group">
  <label>Address : </label>
  <input
    type="text"
    className="form-control"

```

```

        value={this.state.address}
        onChange={this.onChangeaddress}
      />
    </div>
    <div className="form-group">
      <label>Working Hospital : </label>
      <input type="text"
        className="form-control"
        value={this.state.hospital}
        onChange={this.onChangehospital}
      />
    </div>
    <div className="form-group">
      <input type="submit" value="Create Doctor" className="btn
btn-primary" />
    </div>
  </form>
</div>
</div>
</>
);
}
}

```

update doctor

```

import React,{Component} from "react";
import axios from 'axios';

export default class updatedoctor extends Component{
  constructor(props){
    super(props);

    this.onChangeFirstName = this.onChangeFirstName.bind(this);
    this.onChangeLastName = this.onChangeLastName.bind(this);
    this.onChangedoctorType = this.onChangedoctorType.bind(this);
    this.onChangespecialization = this.onChangespecialization.bind(this);
    this.onChangegender = this.onChangegender.bind(this);
    this.onChangeemail = this.onChangeemail.bind(this);
    this.onChangecontactNo = this.onChangecontactNo.bind(this);
    this.onChangeaddress = this.onChangeaddress.bind(this);
    this.onChangehospital = this.onChangehospital.bind(this);
    this.onSubmit = this.onSubmit.bind(this);

    this.state = {
      FirstName:'',
      LastName:'',
      doctorType:'',
      specialization:'',
      gender:'',
      email:'',
      contactNo:'',
      address:'',

```

```

        hospital:''
    }
}

componentDidMount() {

    axios.get('http://localhost:5000/doctor/'+ this.props.match.params.id)
    .then(response => {
        this.setState({
            FirstName : response.data.FirstName,
            LastName : response.data.LastName,
            doctorType : response.data.doctorType,
            specialization : response.data.specialization,
            gender : response.data.gender,
            email : response.data.email,
            contactNo : response.data.contactNo,
            address : response.data.address,
            hospital : response.data.hospital,

        })
    }).catch(function (error) {
        console.log(error);
    })
}

onChangeFirstName(e){
    this.setState({
        FirstName:e.target.value
    });
}

onChangeLastName(e){
    this.setState({
        LastName:e.target.value
    });
}

onChangedoctorType(e){
    this.setState({
        doctorType: e.target.value
    });
}

onChangespecialization(e){
    this.setState({
        specialization: e.target.value
    });
}

onChangegender(e){
    this.setState({
        gender: e.target.value
    });
}

```

```

onChangeemail(e){
  this.setState({
    email: e.target.value
  });
}

onChangecontactNo(e){
  this.setState({
    contactNo: e.target.value
  });
}

onChangeaddress(e){
  this.setState({
    address: e.target.value
  });
}

onChangehospital(e){
  this.setState({
    hospital: e.target.value
  });
}

onSubmit(e){
  e.preventDefault();
  console.log('Submitted');

  const obj = {

    FirstName: this.state.FirstName,
    LastName: this.state.LastName,
    doctorType: this.state.doctorType,
    specialization: this.state.specialization,
    gender: this.state.gender,
    email: this.state.email,
    contactNo: this.state.contactNo,
    address: this.state.address,
    hospital: this.state.hospital,

  };

  axios.post('http://localhost:5000/doctor/update/'+this.props.match.params.id,
obj)
    .then(res => console.log(res.data));
  this.props.history.push('/');
}

render() {
  return(
    <>

```

```

<div className='container'>
  <div style={{marginTop: 10}}>
    <h3>Update Doctor Details</h3>
    <form onSubmit={this.onSubmit}>
      <div className="form-group">
        <label>First Name : </label>
        <input type="text"
          className="form-control"
          value={this.state.FirstName}
          onChange={this.onChangeFirstName}
        />
      </div>
      <div className="form-group">
        <label>Last Name: </label>
        <input
          type="text"
          className="form-control"
          value={this.state.LastName}
          onChange={this.onChangeLastName}
        />
      </div>
      <div className="form-group">
        <label>Doctor Type : </label>
        <input type="text"
          className="form-control"
          value={this.state.doctorType}
          onChange={this.onChangedoctorType}
        />
      </div>
      <div className="form-group">
        <label>Specialization : </label>
        <input type="text"
          className="form-control"
          value={this.state.specialization}
          onChange={this.onChangespecialization}
        />
      </div>
      <div className="form-group">
        <label className="form-check-label">Gender</label>
        <br/>
        <div className="form-check form-check-inline">
          <input className="form-check-input"
            type="radio"
            name="Gender"
            id="GenderMale"
            value="Male"
            checked={this.state.gender==='Male'}
            onChange={this.onChangegender}
          />
          <label className="form-check-label">Male</label>
        </div>
        <div className="form-check form-check-inline">
          <input className="form-check-input"
            type="radio"

```

```

        name="Gender"
        id="GenderFemale"
        value="Female"
        checked={this.state.gender==='Female'}
        onChange={this.onChangegender}
    />
    <label className="form-check-label">Female</label>
</div>
</div>
<div className="form-group">
    <label>e-mail : </label>
    <input type="text"
        className="form-control"
        value={this.state.email}
        onChange={this.onChangeemail}
    />
</div>
<div className="form-group">
    <label>Contact Number : </label>
    <input type="text"
        className="form-control"
        value={this.state.contactNo}
        onChange={this.onChangecontactNo}
    />
</div>
<div className="form-group">
    <label>Address : </label>
    <input type="text"
        className="form-control"
        value={this.state.address}
        onChange={this.onChangeaddress}
    />
</div>
<div className="form-group">
    <label>Working Hospital : </label>
    <input type="text"
        className="form-control"
        value={this.state.hospital}
        onChange={this.onChangehospital}
    />
</div>
<div className="form-group">
    <input type="submit" value="Update Doctor details"
className="btn btn-primary" />
</div>
</form>
</div>
</div>
</>
    );
}
}

```


View doctor

```
import React,{Component} from "react";
import axios from 'axios';
import Doctoritem from "../doctoritem";

export default class viewdoctor extends Component{
  constructor(props) {
    super(props);
    this.getAlldoctors = this.getAlldoctors.bind(this);

    this.state = {
      Doctor : []
    };
  }

  getAlldoctors(){
    axios.get('http://localhost:5000/doctor/')
      .then(response => {
        this.setState({Doctor: response.data});
      })
      .catch(function (error) {
        console.log(error);
      })
  }

  componentDidMount() {
    setInterval(this.getAlldoctors,2000)
  }

  Doctoritem(){
    return this.state.Doctor.map(function(object, i){
      return <Doctoritem obj={object} key={i} />;
    });
  }

  render() {

    return (
      <div>

        <h3 align="center">Doctor List</h3>
        <table className="table table-striped" style={{ marginTop: 20 }}>
          <thead>
            <tr>
              <th>First Name</th>
              <th>Last Name</th>
              <th>Doctor Type</th>
              <th>Gender</th>
              <th>email</th>
              <th>contactNo</th>
              <th>contactNo</th>
              <th>Working Hospital</th>
              <th colspan="2">Action</th>
            </tr>
          </thead>
          <tbody>
            {this.Doctoritem()}
          </tbody>
        </table>
      </div>
    );
  }
}
```

```

        </tr>
      </thead>
      <tbody>
        { this.Doctoritem() }
      </tbody>
    </table>
  </div>
);
}
}

```

doctorItem

```

import React, { Component } from 'react';
import { Link } from 'react-router-dom';
import axios from 'axios';

class doctoritem extends Component {

  constructor(props) {
    super(props);
    this.delete = this.delete.bind(this);
  }

  delete() {
    axios.get('http://localhost:5000/doctor/delete/' +this.props.obj._id)
      .then(console.log("doctor Deleted"))
      .catch(err => console.log(err))
  }

  render() {
    return (
      <tr>
        <td>
          {this.props.obj.FirstName}
        </td>
        <td>
          {this.props.obj.LastName}
        </td>
        <td>
          {this.props.obj.doctorType}
        </td>
        { /*<td>*/ }
        { /*      {this.props.obj.specialization}*/ }
        { /*</td>*/ }
        <td>
          {this.props.obj.gender}
        </td>
        <td>
          {this.props.obj.email}
        </td>
        <td>
          {this.props.obj.contactNo}
        </td>
      </tr>
    );
  }
}

```

```

        <td>
          {this.props.obj.address}
        </td>
        <td>
          {this.props.obj.hospital}
        </td>
        <td>
          <Link to={"/update/"+this.props.obj._id}>Edit</Link>
        </td>
        <td>
          <button onClick={this.delete} className="btn btn-
danger">Delete</button>
        </td>
      </tr>
    );
  }
}

export default doctoritem;

```

Specialization

CreateSpecialization

```

import React,{Component} from "react";
import axios from 'axios';
import Viewspecialization from './viewspecialization'

export default class createspecialization extends Component{
  constructor(props) {
    super(props);

    this.onChangespecialization= this.onChangespecialization.bind(this);
    this.onChangespecializationdetails =
this.onChangespecializationdetails.bind(this);
    this.onSubmit = this.onSubmit.bind(this);

    this.state = {
      specialization:'',
      specializationdetails:'',
    }
  }

  componentDidMount() {
    axios.get('http://localhost:5000/doctor/').then(res =>{
      this.setState({
        doctors:res.data.map(doctor => doctor),
        doctor:res.data[0]
      });
      console.log(res.data)
    })
    .catch((err) => {
      console.log(err);
    })
  }
}

```

```

    })
    setInterval(this.setMessage, 5000)
  }

  onChangeSpecialization(e){
    this.setState({
      specialization: e.target.value
    });
  }

  onChangeSpecializationDetails(e){
    this.setState({
      specializationDetails: e.target.value
    });
  }

  onSubmit(e){
    e.preventDefault();
    console.log('Submitted');

    const newSpecialization = {

      specialization: this.state.specialization,
      specializationDetails: this.state.specializationDetails,

    };

    axios.post('http://localhost:5000/specialization/add', newSpecialization)
      .then(res => console.log(res.data));

    this.setState({
      specialization: '',
      specializationDetails: ''
    })
  }
}

render() {
  return (
    <>

    <div className='container'>
      <div style={{marginTop: 10}}>
        <h3>Create new specialization</h3>
        <form onSubmit={this.onSubmit}>
          <div className="form-group">
            <label>Specialization : </label>
            <input type="text"
              className="form-control"
              value={this.state.specialization}
              onChange={this.onChangeSpecialization}
            />
          </div>
        </form>
      </div>
    </div>
  )
}

```

```

        </div>
        <div className="form-group">
          <label>Specialization Details: </label>
          <input
            type="textarea"
            className="form-control"
            value={this.state.specializationdetails}
            onChange={this.onChangeSpecializationdetails}
          />
        </div>
        <div className="form-group">
          <input type="submit" value="Create new Specialization"
className="btn btn-primary" />
        </div>
      </form>
    </div>
  </div>
  </>
);
}
}

```

updatespecialization

```

import React,{Component} from "react";
import axios from 'axios';

export default class updatespecialization extends Component{
  constructor(props){
    super(props);

    this.onChangeSpecialization = this.onChangeSpecialization.bind(this);
    this.onChangeSpecializationdetails =
this.onChangeSpecializationdetails.bind(this);
    this.onSubmit = this.onSubmit.bind(this);

    this.state = {
      specialization:'',
      specializationdetails:'',
    }
  }

  componentDidMount() {

    axios.get('http://localhost:5000/specialization/'+
this.props.match.params.id)
      .then(response => {
        this.setState({
          specialization : response.data.specialization,
          specializationdetails : response.data.specializationdetails,

```

```

        })
      }).catch(function (error) {
        console.log(error);
      })
    }

    onChangeSpecialization(e){
      this.setState({
        specialization:e.target.value
      });
    }

    onChangeSpecializationDetails(e){
      this.setState({
        specializationdetails:e.target.value
      });
    }

    onSubmit(e){
      e.preventDefault();
      console.log('Submitted');

      const obj = {

        specialization: this.state.specialization,
        specializationdetails: this.state.specializationdetails,
      };

      axios.post('http://localhost:5000/specialization/update/'+this.props.match.params.id,
obj)
        .then(res => console.log(res.data));
      this.props.history.push('/specialization');
    }

    render() {
      return(
        <>
        <div className='container'>
          <div style={{marginTop: 10}}>
            <h3>Update Specialization</h3>
            <form onSubmit={this.onSubmit}>
              <div className="form-group">
                <label>First Name : </label>
                <input type="text"
                  className="form-control"
                  value={this.state.specialization}
                  onChange={this.onChangeSpecialization}
                />
              </div>
            </div>
            <div className="form-group">

```

```

        <label>Last Name: </label>
        <input
          type="text"
          className="form-control"
          value={this.state.specializationdetails}
          onChange={this.onChangeSpecializationdetails}
        />
      </div>
      <div className="form-group">
        <input type="submit" value=" Update Specialization"
className="btn btn-primary" />
      </div>
    </form>
  </div>
</div>
</>
);
}
}

```

Viewspecialization

```

import React,{Component} from "react";
import axios from 'axios';
import Specializationitem from './specializationitem';

export default class viewspecialization extends Component{
  constructor(props) {
    super(props);
    this.getAllSpecialization = this.getAllSpecialization.bind(this);

    this.state = {
      Specialization:[]
    };
  }

  getAllSpecialization(){
    axios.get('http://localhost:5000/specialization/')
      .then(response => {
        this.setState({Specialization: response.data});
      })
      .catch(function (error) {
        console.log(error);
      })
  }

  componentDidMount() {
    setInterval(this.getAllSpecialization,2000)
  }
}

```

```

Specializationitem(){
  return this.state.Specialization.map(function(object, i){
    return <Specializationitem obj={object} key={i} />;
  });
}
render() {

  return (
    <div>
      <h3 align="center">Specialization List</h3>
      <table className="table table-striped" style={{ marginTop: 20 }}>
        <thead>
          <tr>
            <th>Specialization</th>
            <th>Specialization Details</th>
            <th colSpan="2">Action</th>
          </tr>
        </thead>
        <tbody>
          { this.Specializationitem() }
        </tbody>
      </table>
    </div>
  );
}
}

```

specializationitem

```

import React, { Component } from 'react';
import { Link } from 'react-router-dom';
import axios from 'axios';

class Specializationitem extends Component {

  constructor(props) {
    super(props);
    this.delete = this.delete.bind(this);
  }

  delete() {
    axios.get('http://localhost:5000/specialization/delete/' +this.props.obj._id)
      .then(console.log("specialization Deleted"))
      .catch(err => console.log(err))
  }

  render() {
    return (
      <tr>
        <td>

```



```

                {this.props.obj.specialization}
            </td>
            <td>
                {this.props.obj.specializationdetails}
            </td>
            <td>
                <Link
to={"/updatespecialization/"+this.props.obj._id}>Edit</Link>
                </td>
            <td>
                <button onClick={this.delete} className="btn btn-
danger">Delete</button>
                </td>
            </tr>
        );
    }
}

export default Specializationitem;

```

user

userlogin

```

import React, { Component } from 'react';
import axios from "axios";
import { BrowserRouter, Switch, Route, Link, Redirect, useHistory, useLocation } from
"react-router-dom";
class UserLogin extends Component {
    constructor(props) {
        super(props);

        this.onChangeemail = this.onChangeemail.bind(this);
        this.onChangepassword = this.onChangepassword.bind(this);
        this.onSubmit = this.onSubmit.bind(this);
        const user = sessionStorage.user && JSON.parse(sessionStorage.user);
        this.state = {
            email: '',
            password: '',
            errors: {
                email: '',
                password: '',
                other: ''
            },
            user: {
                UserName: (user && user.UserName),
                page: ''
            }
        }
    }
}

```

```

onchangepassword(e) {
  this.setState({
    password: e.target.value
  })
}

onchangeemail(e) {
  this.setState({
    email: e.target.value
  })
}

validateForm() {
  let error = false
  if (this.state.email === '') {
    error = true
    this.setState({
      errors: {
        ...this.state.errors,
        email: 'Email cannot be empty',
      }
    })
  }
}

return error
}

onSubmit(e) {
  e.preventDefault();

  if (!this.validateForm()) {

    const newUser = {
      password: this.state.password,
      email: this.state.email
    }

    this.setState(
      {
        password: '',
        email: '',
        errors: {
          email: '',
          password: '',
          other: ''
        }
      }
    );

    axios.post('http://localhost:5000/Admin/login', newUser).then(res => {
      console.log(res.data)

      const user = {

```

```

        _id: res.data.user._id,
        email: res.data.user.email,
        UserName: res.data.user.UserName
    }

    console.log(user)

    sessionStorage.setItem("auth-token", res.data.token);
    sessionStorage.setItem('user', JSON.stringify(user));
    window.location.reload();
    // console.log(res.data && res.data.adminUser &&
res.data.adminUser.firstLogin)

    // this.props.history.push('/')

    })
    .catch((err) => {
        console.log(err.response);
        this.setState({
            errors: {
                ...this.state.errors,
                other: err.response.data.msg,
            }
        })
    })
}

render() {
    const { errors, user } = this.state;
    if (user.UserName)
        this.props.history.push('/');
    return (
        <div>
            <div className="container">
                <div className="login-form">
                    <form onSubmit={this.onSubmit}>
                        <h2 className="text-center">Log in</h2>
                        <div className="form-group">
                            {errors.other.length > 0 &&
                                <span className='error'>{errors.other}</span>}
                        </div>

                        <div className="form-group">
                            <input type="text" className="form-control"
placeholder="Email" required="required" value={this.state.email}
onChange={this.onChangeemail}></input>
                            {errors.email.length > 0 &&
                                <span className='error'>{errors.email}</span>}
                        </div>
                        <div className="form-group">
                            <input type="password" className="form-control"
placeholder="Password" required="required" value={this.state.password}
onChange={this.onChangepassword}></input>

```

```

        {errors.password.length > 0 &&
        <span className='error'>{errors.password}</span>}
      </div>
      <div className="form-group">
        <button type="submit" className="btn btn-primary btn-
block">Log in</button>
      </div>
      <div className="clearfix">
      </div>
    </form>
  </div>
</div>
</div>
);
}
}

export default UserLogin;

```

userregister

```

import React, { Component } from 'react';
import axios from 'axios';
import Modal from "react-bootstrap/Modal";

class UserRegister extends Component {
  constructor(props) {
    super(props);

    this.onChangeUserName = this.onChangeUserName.bind(this);
    this.onChangeemail = this.onChangeemail.bind(this);
    this.onChangepassword = this.onChangepassword.bind(this);
    this.onChangeCpassword = this.onChangeCpassword.bind(this);
    this.handleCloseAdd = this.handleCloseAdd.bind(this);
    this.handleShowAdd = this.handleShowAdd.bind(this);
    this.onSubmit = this.onSubmit.bind(this);

    this.state = {
      UserName: '',
      email: '',
      password: '',
      Cpassword: '',
      error: '',
      isError: false,
    }
  }

  onChangeUserName(e) {
    this.setState({
      UserName: e.target.value
    })
  }
}

```

```

onchangeemail(e) {
  this.setState({
    email: e.target.value
  })
}

onchangepassword(e) {
  this.setState({ password: e.target.value });
}

onchangeCpassword(e) {
  this.setState({ Cpassword: e.target.value });
}

handleCloseAdd(){
  this.setState({
    show:false
  })
}
handleShowAdd(){
  this.setState({
    show:true
  })
}

onSubmit(e) {
  e.preventDefault();
  if (this.state.password === this.state.Cpassword){
    const newUser = {
      UserName: this.state.UserName,
      email: this.state.email,
      password: this.state.password,

    }

    this.setState(
      {
        UserName: '',
        email: '',
        password: '',
        Cpassword: ''
      }
    )

    axios.post('http://localhost:5000/Admin/add'
      , newUser).then(res => {

        console.log(res.data)

```

```

        console.log(res.data.msg)
        this.setState({
            error: res.data.msg,
            isError:true
        })
        this.handleShowAdd()
    });
    }else{
        this.setState({error:"passwords are not matching",
            isError:true
        });
        this.handleShowAdd()
    }
}

render() {
    return (

        <div className="first">

            <br /><br />
            <div className="container">

                <div className="row justify-content-center">
                    <div className="col-12 col-md-8 col-lg-6 pb-5">

                        <form onSubmit={this.onSubmit}>
                            <div className="card rounded">

                                <div className="card-header rounded p-0">
                                    <div className="bg-primary text-white text-
center py-2">
                                        <h3> Create User Accounts</h3>
                                    </div>
                                </div>
                                <div className="card-body rounded p-3">

                                    <div className="form-group">
                                        <div className="input-group mb-2">
                                            <div className="input-group-prepend">
                                                <div className="input-group-
text">

                                                    </div>
                                                </div>
                                                <input type="text" className="form-
control" id="name" name="username" value={this.state.UserName}
onChange={this.onChangeUserName}
                                                    placeholder="Enter Name"
required></input>
                                                </div>
                                            </div>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    )
}

```

```

                <div className="form-group">
                    <div className="input-group mb-2">
                        <div className="input-group-prepend">
                            <div className="input-group-
text"></div>

                                </div>
                                <input type="email" className="form-
control" id="email" name="email" value={this.state.email}
onChange={this.onChangeemail}

                                    placeholder="Enter the email"
required></input>

                                </div>
                            </div>
                        <div className="form-group">
                            <div className="input-group mb-2">
                                <div className="input-group-prepend">
                                    <div className="input-group-
text"></div>

                                        </div>
                                        <input type="password"
className="form-control" id="email" name="email" value={this.state.password}
onChange={this.onChangepassword}

                                            placeholder="Enter the email"
required></input>

                                        </div>
                                    </div>
                                <div className="form-group">
                                    <div className="input-group mb-2">
                                        <div className="input-group-prepend">
                                            <div className="input-group-
text"></div>

                                                </div>
                                                <input type="password"
className="form-control" id="email" name="email" value={this.state.Cpassword}
onChange={this.onChangeCpassword}

                                                    placeholder="Enter the email"
required></input>

                                                </div>
                                            </div>
                                        </div>
                                    <div className="text-center">
                                        <input type="submit" value="Submit"
className="btn btn-primary btn-block rounded py-2"></input>
                                        </div>
                                    </div>
                                </div>
                            </form>
                        <Modal show={this.state.show}
onHide={this.handleCloseAdd}>

                            <Modal.Header closeButton>
                                <h6>{this.state.error}</h6>
                            </Modal.Header>
                        </Modal>
                    </div>

```

```

        </div>
      </div>
      <br />
    </div>

  );
}
}

export default UserRegister;

```

Homepage

NavigationBar

```

import React, { Component } from 'react';
import { BrowserRouter, Switch, Route, Link, Redirect, useHistory, useLocation } from
'react-router-dom';
import history from 'history';
//import Navbar from 'react-bootstrap/Navbar';
import NavDropdown from 'react-bootstrap/NavDropdown';
//import { Link } from 'react-router-dom';
import { Navbar, Nav, Form, Button, FormControl } from 'react-bootstrap';

class NavigationBar extends Component {
  constructor(props) {
    super(props);

    const user = sessionStorage.user && JSON.parse(sessionStorage.user);

    this.logout = this.logout.bind(this);
    this.onNavBarClick = this.onNavBarClick.bind(this);

    this.state = {
      user: {
        UserName: (user && user.UserName),
        page: '',
      }
    }
  }

  onNavBarClick(eventKey, event) {

    this.setState({
      page: eventKey
    })
  }

  logout = () => {

    sessionStorage.removeItem('user');
  }
}

```



```

        sessionStorage.removeItem('auth-token');
        window.location = '/';
    }

    render() {
        const user = this.state.user && this.state.user.UserName
        const role = this.state.user && this.state.user.role

        const guestView =
            <React.Fragment>
                <li className="navbar-item">
                    <Link to="/Register" className="nav-link">Sign Up</Link>
                </li>
                <li className="navbar-item">
                    <Link to="/Login" className="nav-link">Sign In</Link>
                </li>
                <li>
                    <p>{this.state.user.UserName}</p>
                </li>
            </React.Fragment>

        const userView =
            <React.Fragment>
                <li className="navbar-item">
                    <Link to="/getAllDoctors" className="nav-link">View All
Doctors</Link>
                </li>
                <li className="navbar-item">
                    <Link to="/create" className="nav-link">Create
Doctor</Link>
                </li>
                <li className="navbar-item">
                    <Link to="/specialization" className="nav-link">Create
Specialization</Link>
                </li>
                <button className="btn btn-outline-primary my-2 my-sm-0"
onClick={this.logout}>Logout</button>

            </React.Fragment>

        return (
            <div>
                <nav className="navbar navbar-expand-lg navbar-light bg-light">
                    <a className="navbar-brand" href="/">Doctor Finder</a>
                    <button className="navbar-toggler" type="button" data-
toggle="collapse"
                        data-target="#navbarTogglerDemo02" aria-
controls="navbarTogglerDemo02" aria-expanded="false"
                        aria-label="Toggle navigation">
                        <span className="navbar-toggler-icon"></span>
                    </button>
                    <div className="collapse navbar-collapse">

```

```

id="navbarTogglerDemo02">
    <ul className="navbar-nav mr-auto mt-2 mt-lg-0">
      <li className="navbar-item">
        <Link to="/" className="nav-link">Doctor</Link>
      </li>
      <li className="navbar-item">
        <Link to="/viewspecialization" className="nav-
link">View All Specialization</Link>
      </li>
    </ul>
  </div>
</nav>
</div>
)
}
}

export default NavigationBar;

```

SpecializationDoctor

```

import React, {Component} from 'react';

import axios from 'axios';
import SpecializationDoctoritem from './specializationDoctoritem';

class specializationDoctor extends Component {
  constructor(props) {
    super(props);
    const specializationIds = props.match.params.id
    this.state = {
      Doctors:[],
      Specid:specializationIds
    }
  }

  // +this.props.match.params.category
  componentDidMount() {
    console.log(this.state.Specid);
    const Id = this.props.match.params.id

    axios.get(`http://localhost:5000/doctor/specDoctor/doctor_by_id?id=${this.state.Speci
d}&type=single`).then(res =>{
      this.setState({Doctors:res.data});
      console.log(res.data)
    })
    .catch((err) => {

```

```

        console.log(err);
    })
}

// SelectSubcategory(id){
//     axios.get('http://localhost:5000/Subcategory/'+id)
//         .then(res => console.log(res.data));
//     this.setState({
//         Subcategory: this.state.Subcategory.filter(el => el._id !== id)
//     })
//     alert(id);
// }

render() {
    return (
        <>
            <div className="container pt-5">
                <div className="row">
                    <div className="container pt-5">
                        <div className="row">
                            {
                                this.state.Doctors.map(doctor => {
                                    return(
                                        < SpecializationDoctoritem
SpecializationDoctoritem = {doctor}    key = {doctor._id}/>
                                    )
                                })
                            }
                        </div>
                    </div>
                </div>
            </div>
        </>
    );
}

export default specializationDoctor;

```

specializationDoctoritem

```

import React, {Component} from 'react';

const SpecializationDoctoritem = props => {
    const img = {

```

```

        width:"160px",
        height:"160px"
    }
    return(
        <>
            <div className="col-sm-4">
                <div className="card">
                    <div className="card-body">
                        <h5 className="card-
title">{props.SpecializationDoctoritem.doctorType}.{props.SpecializationDoctoritem.La
stName}</h5>
                            <p className="card-text">
                                Doctor Name :
{props.SpecializationDoctoritem.doctorType}.{props.SpecializationDoctoritem.FirstName
} {props.SpecializationDoctoritem.LastName}</p>
                                <p><strong>contact details</strong></p>
                                <p>e-mail : {props.SpecializationDoctoritem.email}</p>
                                <p>Mobile Number :
{props.SpecializationDoctoritem.contactNo}</p>
                                <p>Working Hospital :
{props.SpecializationDoctoritem.hospital}</p>
                            </div>
                        </div>
                    </div>
                </div>
            </>
        )
    }
}

export default SpecializationDoctoritem

```

ViewAlldoctors

```

import React, {Component} from 'react';

import axios from 'axios';

import ViewAlldoctoritem from "./ViewAlldoctoritem";

class ViewAlldoctor extends Component {
    constructor(props) {
        super(props);
        this.state = {
            Doctor:[]
        }
    }
    componentDidMount() {
        axios.get('http://localhost:5000/doctor/').then(res =>{
            this.setState({Doctor:res.data});
            console.log(res.data)
        })
    }
}

```

```

        .catch((err) => {
            console.log(err);
        })
    }

    Selectspecialization(id){
        axios.get('http://localhost:5000/specialization/'+id)
            .then(res => console.log(res.data));
        this.setState({
            Specialization: this.state.Specialization.filter(el => el._id !== id)
        })
        alert(id);
    }

    render() {
        return (
            <>
                <div className="container">
                    <div className="row">
                        {
                            this.state.Doctor.map(doctor => {
                                return(
                                    <ViewAlldoctoritem ViewAlldoctoritem = {doctor}
key = {doctor._id}/>
                                )
                            })
                        }
                    </div>
                </div>
            </>
        );
    }
}

export default ViewAlldoctor;

```

ViewAlldoctorItem

```

import React, {Component} from 'react';

const ViewAlldoctoritem = props => {

    return(
        <>
            <div className="col-sm-4 p-2">
                <div className="card border-primary mb-3">
                    <div className="card-body">
                        <h5 className="card-
title">{props.ViewAlldoctoritem.doctorType}.{props.ViewAlldoctoritem.LastName}</h5>

```

```

        <p className="card-text">
            Doctor Name :
{props.ViewAlldoctoritem.doctorType}.{props.ViewAlldoctoritem.FirstName}
{props.ViewAlldoctoritem.LastName}</p>
            <p><strong>contact details</strong></p>
            <p>e-mail : {props.ViewAlldoctoritem.email}</p>
            <p>Mobile Number : {props.ViewAlldoctoritem.contactNo}</p>
            <p>Working Hospital : {props.ViewAlldoctoritem.hospital}</p>
        </div>
    </div>
</div>
</>
)
};

export default ViewAlldoctoritem

```

Viewallspecialization

```

import React, {Component} from 'react';

import axios from 'axios';

import ViewAllspecializationitem from "../ViewAllspecializationitem";

class ViewAllspecialization extends Component {
    constructor(props) {
        super(props);
        this.state = {
            Specialization:[]
        }
    }
    componentDidMount() {
        axios.get('http://localhost:5000/specialization/').then(res =>{
            this.setState({Specialization:res.data});
            console.log(res.data)
        })
        .catch((err) => {
            console.log(err);
        })
    }

    Selectspecialization(id){
        axios.get('http://localhost:5000/specialization/'+id)
            .then(res => console.log(res.data));
        this.setState({
            Specialization: this.state.Specialization.filter(el => el._id !== id)
        })
        alert(id);
    }
}

```

```

render() {
  return (
    <>
      <div className="container">
        <div className="row">
          {
            this.state.Specialization.map(specialization => {
              return(
                <ViewAllspecializationitem
ViewAllspecializationitem = {specialization} key = {specialization._id}/>
              )
            })
          }
        </div>
      </div>
    </>
  );
}
}

export default ViewAllspecialization;

```

ViewAllspecializationItem

```

import React, {Component} from 'react';

const ViewAllspecializationitem = props => {

  return(
    <>
      <div className="card border-primary mb-3 col-lg-4 col-md-6">
        <div className="single-product">
          <div className="product-btm">
            <a
href={` /SpecializedDoctors/${props.ViewAllspecializationitem._id}`} className="d-
block">
              <h4
>{props.ViewAllspecializationitem.specialization}</h4>
<p>{props.ViewAllspecializationitem.specializationdetails}</p>
            </a>
          </div>
        </div>
      </div>
    </>
  )
};

export default ViewAllspecializationitem

```

Mongo query

```
[{
  "_id": {
    "$oid": "5ee5084c0591f89f24a9d513"
  },
  "FirstName": "Umesha",
  "LastName": "Sandamini",
  "doctorType": "MD-PhD",
  "specialization": "5ee507390591f89f24a9d512",
  "gender": "Female",
  "email": "Sandamini.J@gmail.com",
  "contactNo": "10452547805",
  "address": "345/dw, Malabe, ",
  "hospital": "De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo",
  "___v": 0
},{
  "_id": {
    "$oid": "5ee508ae0591f89f24a9d514"
  },
  "FirstName": "Pasan",
  "LastName": "Pramuditha",
  "doctorType": "Master of Surgery",
  "specialization": "5ee506770591f89f24a9d510",
  "gender": "Male",
  "email": "POP@gmail.com",
  "contactNo": "457865694524",
  "address": "748/dw. Dote, Galle",
  "hospital": "Colombo South Teaching Hospital, Kalubowila",
```



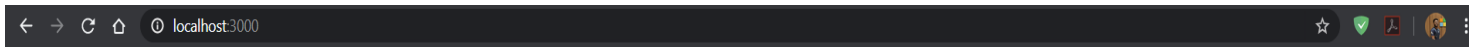
```
"__v": 0
},{
  "_id": {
    "$oid": "5ee5093d0591f89f24a9d515"
  },
  "FirstName": "Madushani",
  "LastName": "Dissanayake",
  "doctorType": "Bachelor of Medical Sciences",
  "specialization": "5ee499d52d9a7a6e3803f72d",
  "gender": "Female",
  "email": "M.Dissanayake@gmail.com",
  "contactNo": "15418541521",
  "address": "484/dw , Polgahayata, Kandy",
  "hospital": "Sri Jayawardenepura General Hospital, Sri Jayawardenepura",
  "__v": 0
},{
  "_id": {
    "$oid": "5ee50a2b0591f89f24a9d516"
  },
  "FirstName": "Dulsara",
  "LastName": "Akmeemana",
  "doctorType": "Master of Medicine",
  "specialization": "5ee506770591f89f24a9d510",
  "gender": "Male",
  "email": "D.Akmeemana@gmail.com",
  "contactNo": "45487515641",
  "address": "154/ef , diyawannwa, ethul kotte",
  "hospital": "De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo",
```

```
"__v": 0
},{
  "_id": {
    "$oid": "5ee50aea0591f89f24a9d517"
  },
  "FirstName": "Labeeshan",
  "LastName": "Arunthawaraja",
  "doctorType": "Master of Surgery",
  "specialization": "5ee506d10591f89f24a9d511",
  "gender": "Male",
  "email": "A.labeeshan",
  "contactNo": "65416846845",
  "address": "787/r2 , aluthkade",
  "hospital": "National Institute of Mental Health (Angoda Mental Hospital), Angoda",
  "__v": 0
},{
  "_id": {
    "$oid": "5ee53c99dd22a20dc4496bc0"
  },
  "FirstName": "Raman",
  "LastName": "Satharasinghe",
  "doctorType": "Dr",
  "specialization": "5ee499fe2d9a7a6e3803f72e",
  "gender": "Male",
  "email": "R.Satharasinghe@gmail.com",
  "contactNo": "145678954547",
  "address": "789/gd , Akkara8 , Piliyandala",
  "hospital": "Sirimavo Bandaranayake Specialized Children Hospital (Teaching), Peradeniya",
```

"__v": 0

}]

Homepage



Doctor Finder

Doctor

View All Specialization

View All Doctors

Create Doctor

Create Specialization

Logout

MD-PhD.Sandamini

Doctor Name : MD-PhD.Umesha Sandamini

contact details

e-mail : Sandamini.J@gmail.com

Mobile Number : 10452547805

Working Hospital : De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo

Master of Surgery.Pramuditha

Doctor Name : Master of Surgery.Pasan Pramuditha

contact details

e-mail : POP@gmail.com

Mobile Number : 457865694524

Working Hospital : Colombo South Teaching Hospital, Kalubowila

Bachelor of Medical Sciences.Dissanayake

Doctor Name : Bachelor of Medical Sciences.Madushani Dissanayake

contact details

e-mail : M.Dissanayake@gmail.com

Mobile Number : 15418541521

Working Hospital : Sri Jayawardenepura General Hospital, Sri Jayawardenepura

Master of Medicine.Akmeemana

Doctor Name : Master of Medicine.Dulsara Akmeemana

contact details

e-mail : D.Akmeemana@gmail.com

Mobile Number : 45487515641

Working Hospital : De Soysa Hospital for Women (De Soysa Maternity Hospital), Colombo

Master of Surgery.Arunthawaraja

Doctor Name : Master of Surgery.Labeeshan Arunthawaraja

contact details

e-mail : A.labeeshan

Mobile Number : 65416846845

Working Hospital : National Institute of Mental Health (Angoda Mental Hospital), Angoda

Dr.Satharasinghe

Doctor Name : Dr.Raman Satharasinghe

contact details

e-mail : R.Satharasinghe@gmail.com

Mobile Number : 145678954547

Working Hospital : Sirimavo Bandaranayake Specialized Children Hospital (Teaching), Peradeniya