

index.js

```
require('dotenv').config();
const express = require('express');
const mongoose = require('mongoose');
const session = require('express-session');
const app = express();
const PORT = process.env.PORT;
const bodyParser = require('body-parser');
const router = require('./routes/route');
```

```
//app.use(bodyParser.json());
```

```
app.use(express.json());
app.use(express.urlencoded({ extended: true }));
app.set("view engine", "ejs")
```

```
app.get('/set',(req,res)=>{
  res.render('index',{name:"express"});
});
```

```
mongoose.connect(process.env.DB_URI,
  {useNewUrlParser: true,
    useUnifiedTopology: true})
.then(()=>{
  console.log('Database Connected');
}).catch((err)=>{
  console.log('Connection error');
});
```

```
//database connection
// const MongoClient = mongodb.MongoClient
```

```
app.listen (PORT,()=>{
  console.log(`itho ungal server http://localhost:${PORT} `);
});
```

```
app.use('/',router);
```

index.ejs

```
<div class="container">
  <div class="row">
    <div class="col-lg-12">
      <div class="panel-heading">
```

```

<div class="panel-title">Add Details </div><br>
</div>
<div>
  <form id="addUserForm" >
    <div class="row mb-3">
      <label for="name" class="col-sm-2 col-form-label">Name</label>
      <div class="col-sm-10">
        <input type="text" name="name" placeholder="Enter your name" class="form-
control"
          required />
      </div>
    </div><br />
    <div class="row mb-3">
      <label for="email" class="col-sm-2 col-form-label">Email</label>
      <div class="col-sm-10">
        <input type="email" name="email" placeholder="Enter your email"
class="form-control"
          required />
      </div>
    </div><br />
    <div class="row mb-3">
      <label for="phone" class="col-sm-2 col-form-label">Phone</label>
      <div class="col-sm-10">
        <input type="tel" name="phone" placeholder="Enter your phone number"
class="form-control" required />
      </div>
    </div><br />
    <div class="row mb-3">
      <input type="submit" name="submit" value="Add user" class="btn btn-primary
btn-lg" />
    </div>

  </form>
<script>
  const $form = $('#addUserForm')

  $form.on('submit', submitHandler)

  function submitHandler(e) {
    e.preventDefault()

    $.ajax({
      url: 'http://localhost:4000/add-user',
      type: 'POST',
      data: $form.serialize()
    }).done(response => {
      console.log(response)
    })
  }
</script>
</div>
</div>

```

```
</div>
</div>
```

```
route.js
```

```
const express = require('express');
const router = express.Router();
const User = require('../models/user');
//page check
```

```
router.post('/show',async(req,res)=>{
  await User.find({}).then((data)=>{
    res.render('index',{ "user":data});
  }).catch((err)=>{
    res.json({message : "some error occur"});
  })
});
```

```
router.get('/filter',async(req,res)=>{
  let id = req.body.id;
  await User.findById(id).then((data)=>{
    res.json({ data });
  }).catch((err)=>{
    res.json({message : "some error occurs"});
  })
});
```

```
router.post('/update',async(req,res)=>{
  let id = req.body.id;
  const updateFiled = {
    name : req.body.name,
    email : req.body.email,
    password : req.body.password
    // phone : req.body.phone,
    // city : req.body.city
  }
  await User.findByIdAndUpdate(id,{ $set : updateFiled }).then((data)=>{
    res.json({message : 'Data Updated'});
  }).catch((err)=>{
    res.json({message : 'some error occurs'});
  })
});
router.post('/register',async(req,res)=>{
  const user = new User({
    name : req.body.name,
```

```

    email : req.body.email,
    password : req.body.password
    // phone : req.body.phone,
    // city : req.body.city
  })
  await user.save().then((data)=>{
    res.json({message : "Data added",user:data});
  }).catch((err)=>{
    res.json({message:"some error occurs"});
  })
});

router.get("/",(req,res)=>{
  res.render('registration');
})

module.exports = router;

```

add_users.ejs

```

<div class="container">
  <div class="row">
    <div class="col-lg-12">
      <div class="panel-heading">
        <div class="panel-title">Add Details </div><br>
      </div>
      <div>
        <form id="addUserForm" >
          <div class="row mb-3">
            <label for="name" class="col-sm-2 col-form-label">Name</label>
            <div class="col-sm-10">
              <input type="text" name="name" placeholder="Enter your name" class="form-control"
                required />
            </div>
          </div><br />
          <div class="row mb-3">
            <label for="email" class="col-sm-2 col-form-label">Email</label>
            <div class="col-sm-10">
              <input type="email" name="email" placeholder="Enter your email"
class="form-control"
                required />
            </div>
          </div><br />
          <div class="row mb-3">
            <label for="phone" class="col-sm-2 col-form-label">Phone</label>

```

```

        <div class="col-sm-10">
            <input type="tel" name="phone" placeholder="Enter your phone number"
                class="form-control" required />
        </div>
    </div><br />
    <div class="row mb-3">
        <input type="submit" name="submit" value="Add user" class="btn btn-primary
btn-lg" />
    </div>

</form>
<script>
    const $form = $('#addUserForm')

    $form.on('submit', submitHandler)

    function submitHandler(e) {
        e.preventDefault()

        $.ajax({
            url: 'http://localhost:4000/add',
            type: 'POST',
            data: $form.serialize()
        }).done(response => {
            console.log(response)
        })
    }
</script>
</div>
</div>
</div>
</div>

```

registration.ejs

```

<!-- registration.ejs -->

<!DOCTYPE html>
<html>
<head>
    <title>Registration Form</title>
    <link rel="stylesheet" type="text/css" href="styles.css">
    <script src="//ajax.googleapis.com/ajax/libs/jquery/2.0.3/jquery.min.js"></script>

</head>
<body>
    <div class="container">
        <h1>Registration Form</h1>
    
```

```

<form>
  <label for="name">Name:</label>
  <input type="text" id="name" name="name" required>

  <label for="email">Email:</label>
  <input type="email" id="email" name="email" required>

  <label for="password">Password:</label>
  <input type="password" id="password" name="password" required>

  <button type="submit">Register</button>
</form>
</div>

```

```

<script>
  $(document).ready(function () {
    $("form").submit(function (event) {
      var formData = {
        name: $("#name").val(),
        email: $("#email").val(),
        password: $("#password").val(),
      };

      $.ajax({
        type: "POST",
        url: "http://localhost:4000/register",
        data: formData,
        dataType: "json",
        encode: true,
      }).done(function (data) {
        console.log(data);
      });

      event.preventDefault();
    });
  });
</script>
</body>
</html>

```

users.js

```

const mongoose = require('mongoose');
const userSchema = new mongoose.Schema({
  name : {type:String},
  email : {type:String},
  phone : {type:Number},
  city : {type:String},

```

```
    image:{type:String},  
    created:{type>Date,default:Date.now}  
  },{timestamps:true});
```

```
const User = mongoose.model('User',userSchema);  
module.exports = User;
```

.env

PORT = 4000

DB_URI = mongodb+srv://suryagowtham567:12345@cluster0.6z84hhs.mongodb.net/tamil