

PROJECT NEXTJS

INSTAGRAM

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INTRODUCTION

- Using Next.js, creating account in instagram, user can register and login.
- In dashboard page, when clicked the create post button, it will display post model with fields like title,description and time and post will be listed and can add comments in it.
- While clicking add friend, can view the users list with sendrequest button and request will be sent successfully.
- While clicking view request, can view the sender usernames list .

Technology Description

JAVASCRIPT

- JavaScript is a light-weight object-oriented programming language which is used by several websites for scripting the webpages.
- It can be used for both **Client-side** as well as **Server-side** developments.
- It turns static HTML web pages into interactive web pages by dynamically updating content, validating form data, controlling multimedia, animate images, and almost everything else on the web pages

NODEJS

- Node JS is an open-source and cross-platform runtime environment built on Chrome's V8 JavaScript engine for executing JavaScript code outside of a browser.
- It is actually neither a framework or a library - as with traditional application software -, but JavaScript a runtime environment.

Advantages:

- Easy to Learn and Quick to adapt
- Provides fast delivery

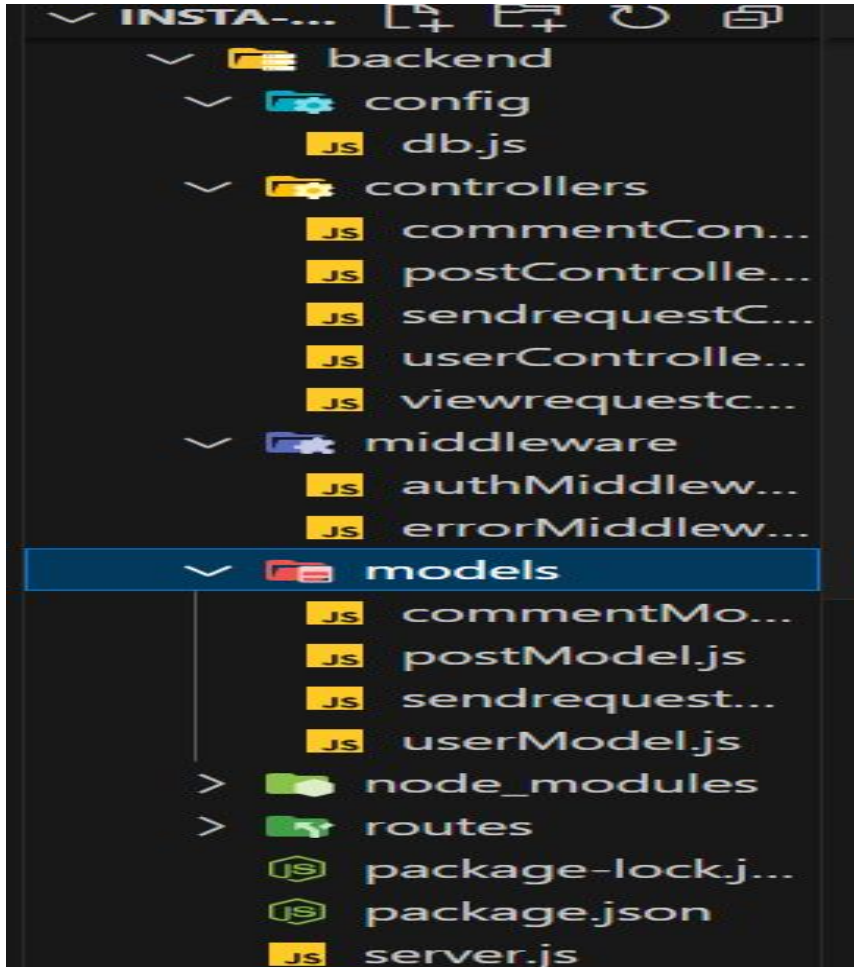
NEXTJS

- It is an open-source web development React-based framework created by Vercel, which is famous for its unique features such as Server-side rendering and enhanced SEO.
- It is a react based framework.and It has powers to Develop beautiful Web application for different platform like Windows, Linux and mac.

Advantages:

- Faster development process
- Data Security

BACKEND



FRONTEND

```
> components
> features
> node_modules
> pages
> public
> store
> styles
  .env
  .gitignore
  jsconfig.json
  next.config.js
  package-lock.json
  package.json
  postcss.config.js
  README.md
  tailwind.config.js
```


DATABASE CONNECTION

Connecting with MongoDB Driver

1. Select your driver and version

We recommend installing and using the latest driver version.

Driver

Node.js

Version

5.5 or later

2. Install your driver

Run the following on the command line

```
npm install mongodb
```



[View MongoDB Node.js Driver installation instructions.](#)

3. Add your connection string into your application code

☐ View full code sample

```
mongodb+srv://sirisha:<password>@cluster0.cp3qlbh.mongodb.net/?  
retryWrites=true&w=majority
```



Replace **<password>** with the password for the **sirisha** user. Ensure any option params are [URL encoded](#).

Backend DB Connection

```
backend > config > JS db.js > [?] <unknown>
1  const mongoose = require('mongoose')
2  const MONGO_URI = "mongodb+srv://sirisha:Sirisha28@cluster0.cp3qlbh.mongodb.net/?retryWrites=true&w=majority"
3  const connectDB = async () => {
4    try {
5      const conn = await mongoose.connect(MONGO_URI)
6      console.log(`MongoDB Connected`)
7    } catch (error) {
8      console.log(`Error: ${error.message}`)
9    }
10  }
11
12
13  module.exports = connectDB
```

Backend API Endpoints

```
1 const path = require('path')
2 const express = require('express')
3 require('dotenv').config()
4 const { errorHandler } = require('./middleware/errorMiddleware')
5 const connectDB = require('./config/db')
6 const PORT = process.env.PORT || 5000
7 const cors = require('cors');
8 // Connect to database
9 connectDB()
10
11 const app = express()
12
13 app.use(express.json())
14 app.use(cors());
15 app.use(express.urlencoded({ extended: false }))
16
17 app.use('/api/users', require('./routes/userRoutes'))
18 app.use('/api/posts', require('./routes/postroute'))
19 app.use('/api/sendrequest', require('./routes/sendrequestroute'))
20 app.use('/api/getusers', require('./routes/userRoutes'))
21 app.use('/api/getrequests', require('./routes/viewrequestroute'))
22 app.use('/api/comments', require('./routes/commentroute'))
23 app.use('/api/getcomments', require('./routes/commentroute'))
24 app.use(errorHandler)
```

REGISTER PAGE



Instagram



Login



Register

Register

Email

Select Option

Username

Password




Confirm Password



Register

LOGIN PAGE

 Instagram

LoginRegister

Login

Login with

Email

Email

Enter email

Password

Enter password

Submit

FRONTEND -HOME PAGE



Instagram



Logout

Create Post

Add Friend

View Requests

Movies

It gives us entertainment

Time: 21:06

Created At: 2023-11-23T15:36:39.774Z

Add Comment

View Comments

Sports

It is good for health

Time: 22:13

Created At: 2023-11-23T16:43:25.266Z

Add Comment

View Comments

Games

It is good for health

Time: 22:21


Created At: 2023-11-23T16:51:26.360Z

Add Comment

View Comments

..

POST PAGE

 Instagram

Logout

Back to Home

Title:

Description:

Time:

Create Post

Modal
This is required
Time: 11:13
Created At: 2023-11-24T05:43:18.742Z

Add CommentView Comments

Sampletest
This is sampletest example
Time: 13:29
Created At: 2023-11-24T07:59:39.737Z

ADD FRIEND



Instagram



Logout



Back to Home

Users List

anishaa

Send Request

Manjula

Send Request

sirishag

Send Request

Sadhana

Send Request

A large, irregular watercolor splash in various shades of teal and blue, centered on a white background. The splash has a soft, painterly texture with darker blue in the center and lighter teal towards the edges.

Thank You