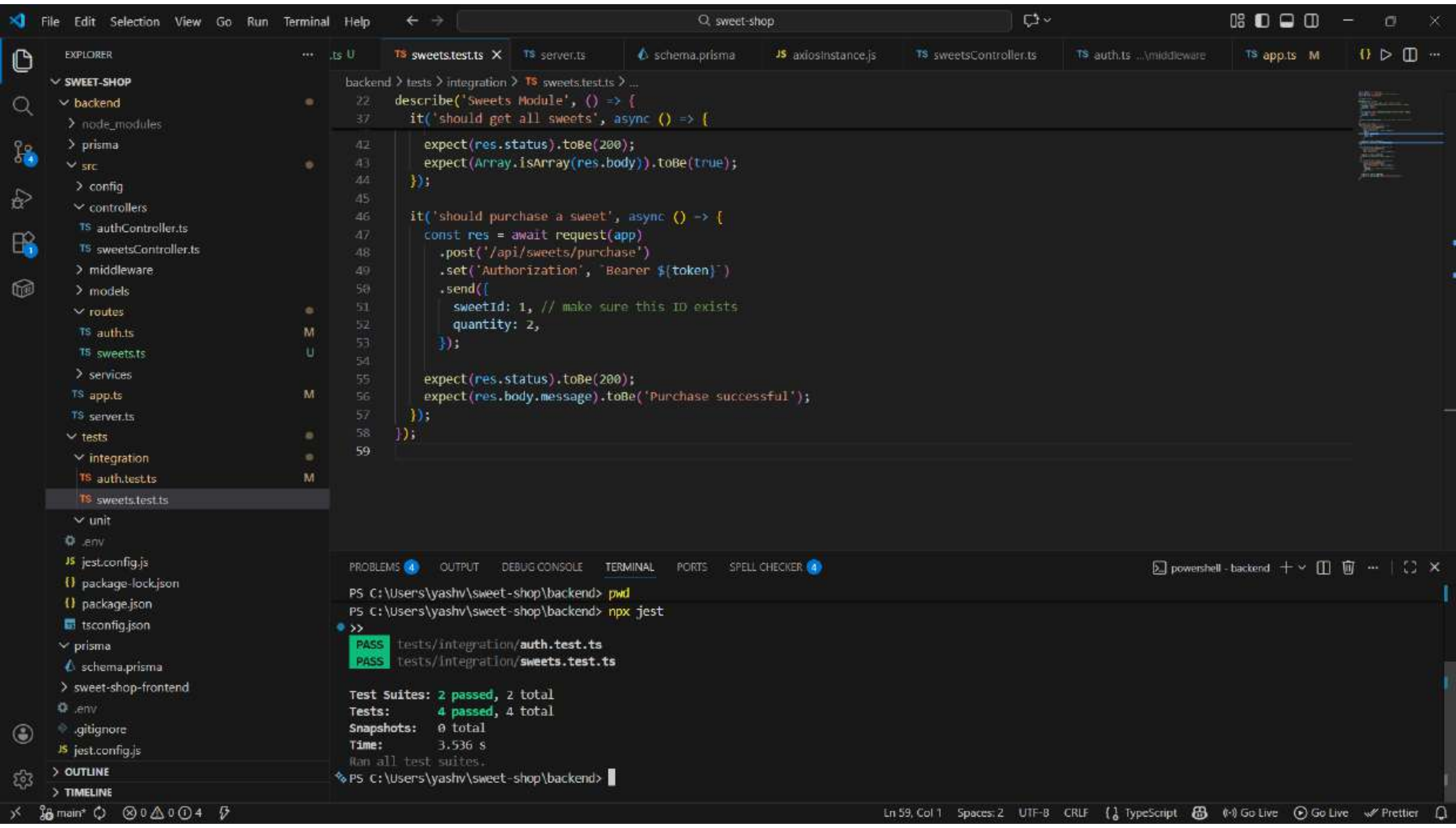
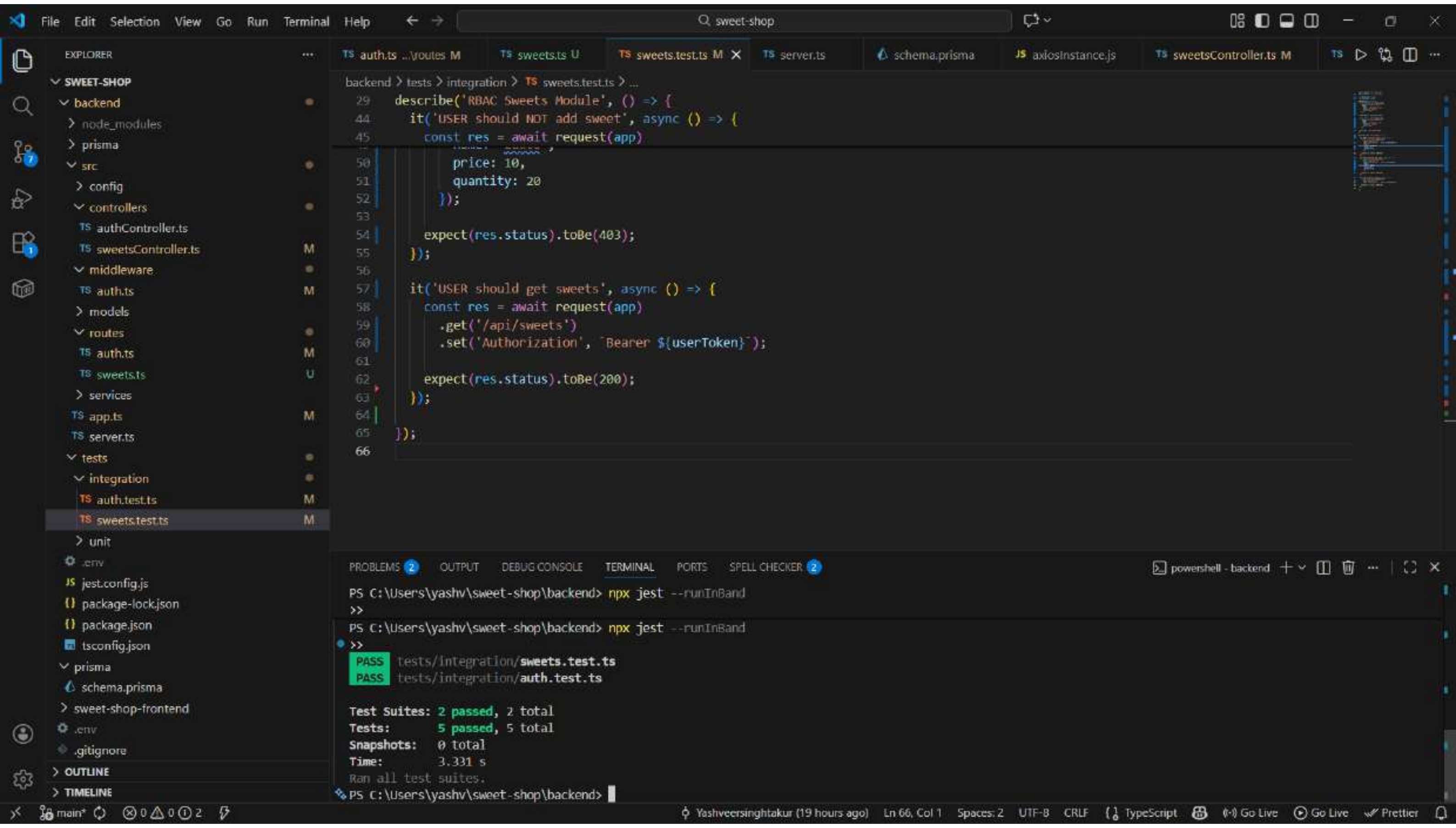


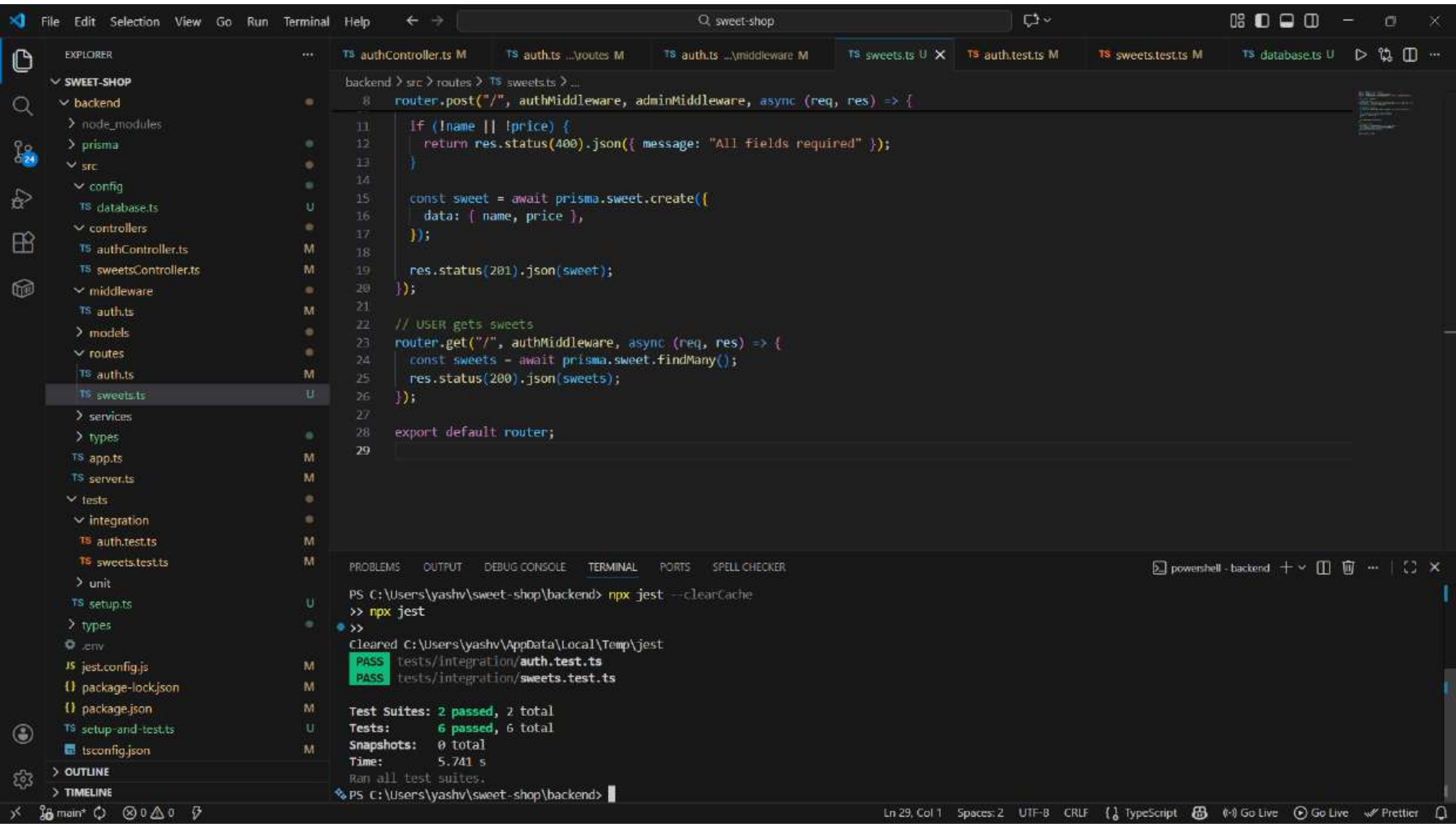
```
describe('Sweets Module', () => {
  it('should get all sweets', async () => {
    expect(res.status).toBe(200);
    expect(Array.isArray(res.body)).toBe(true);
  });

  it('should purchase a sweet', async () => {
    const res = await request(app)
      .post('/api/sweets/purchase')
      .set('Authorization', `Bearer ${token}`)
      .send({
        sweetId: 1, // make sure this ID exists
        quantity: 2,
      });

    expect(res.status).toBe(200);
    expect(res.body.message).toBe('Purchase successful');
  });
});
```

```
PS C:\Users\yashv\sweet-shop\backend> pwd
PS C:\Users\yashv\sweet-shop\backend> npx jest
>>
PASS  tests/integration/auth.test.ts
PASS  tests/integration/sweets.test.ts

Test Suites: 2 passed, 2 total
Tests:       4 passed, 4 total
Snapshots:   0 total
Time:        3.536 s
Ran all test suites.
PS C:\Users\yashv\sweet-shop\backend>
```



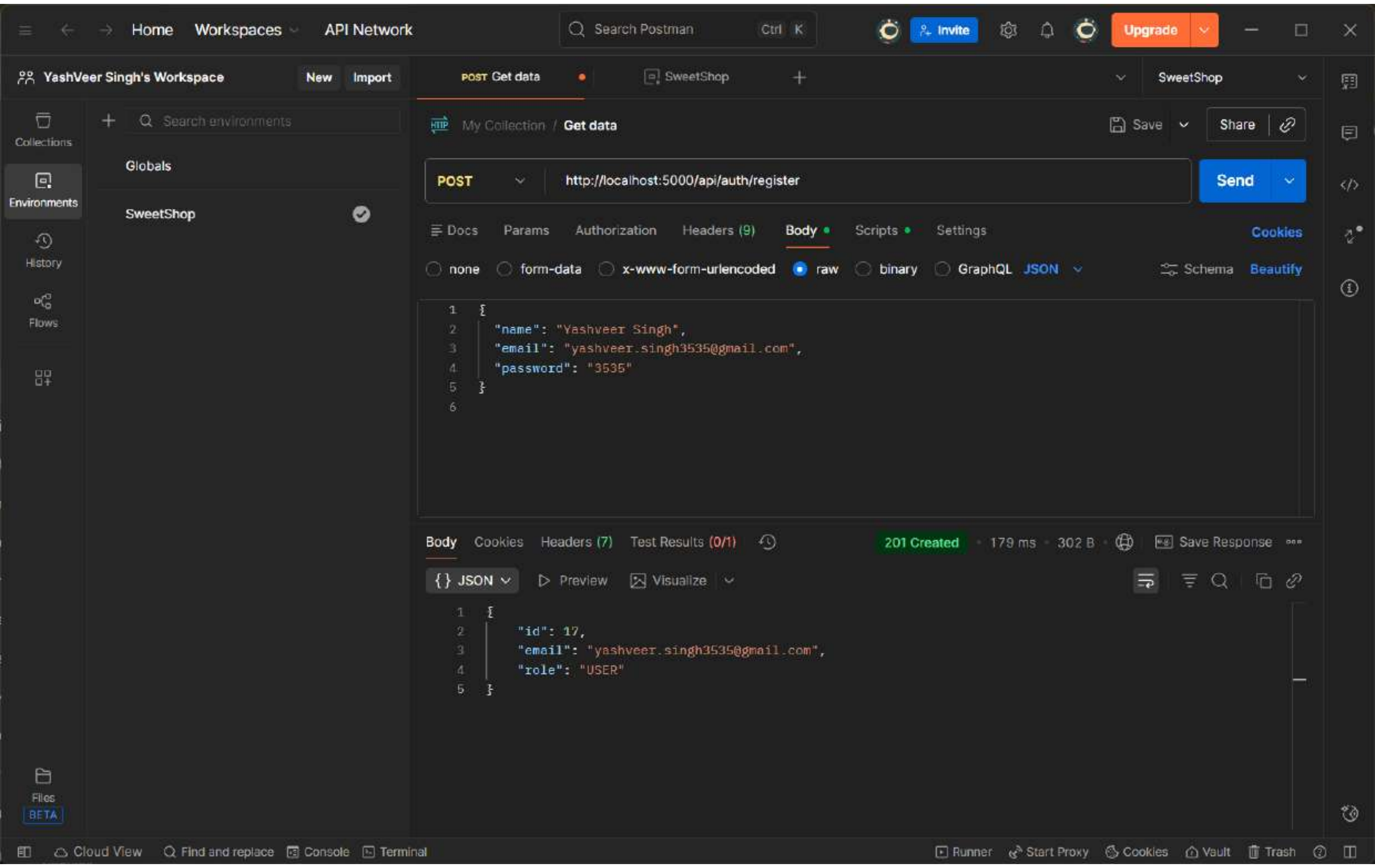
```
describe('RBAC Sweets Module', () => {
  it('USER should NOT add sweet', async () => {
    const res = await request(app)
        price: 10,
        quantity: 20
      });

    expect(res.status).toBe(403);
  });

  it('USER should get sweets', async () => {
    const res = await request(app)
      .get('/api/sweets')
      .set('Authorization', `Bearer ${userToken}`);

    expect(res.status).toBe(200);
  });

});
```

```
PS C:\Users\yashv\sweet-shop\backend> npx jest --runInBand
>>
PS C:\Users\yashv\sweet-shop\backend> npx jest --runInBand
>>
 PASS  tests/integration/sweets.test.ts
 PASS  tests/integration/auth.test.ts

Test Suites: 2 passed, 2 total
Tests:       5 passed, 5 total
Snapshots:   0 total
Time:        3.331 s
Ran all test suites.
PS C:\Users\yashv\sweet-shop\backend>
```



```
router.post("/", authMiddleware, adminMiddleware, async (req, res) => {
  if (!name || !price) {
    return res.status(400).json({ message: "All fields required" });
  }

  const sweet = await prisma.sweet.create({
    data: { name, price },
  });

  res.status(201).json(sweet);
});

// USER gets sweets
router.get("/", authMiddleware, async (req, res) => {
  const sweets = await prisma.sweet.findMany();
  res.status(200).json(sweets);
});

export default router;
```

```
PS C:\Users\yashv\sweet-shop\backend> npx jest --clearCache
>> npx jest
>>
Cleared C:\Users\yashv\AppData\Local\Temp\jest
 PASS  tests/integration/auth.test.ts
 PASS  tests/integration/sweets.test.ts

Test Suites: 2 passed, 2 total
Tests:       6 passed, 6 total
Snapshots:   0 total
Time:        5.741 s
Ran all test suites.
PS C:\Users\yashv\sweet-shop\backend>
```



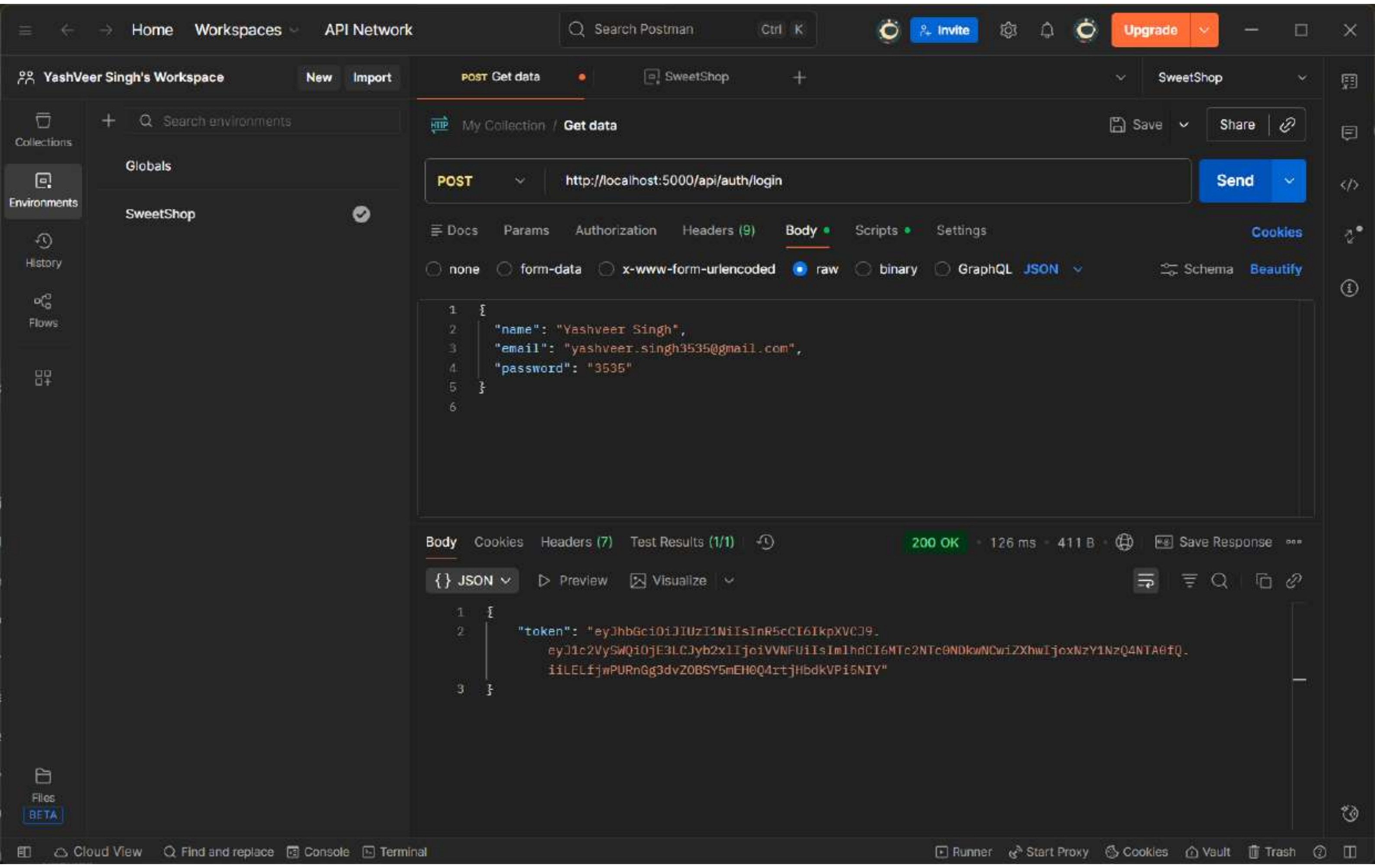
POST http://localhost:5000/api/auth/register

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "name": "Yashveer Singh",
  "email": "yashveer.singh3535@gmail.com",
  "password": "3535"
}

```

201 Created · 179 ms · 302 B

```
{
    "id": 17,
    "email": "yashveer.singh3535@gmail.com",
    "role": "USER"
}
```



POST http://localhost:5000/api/auth/login

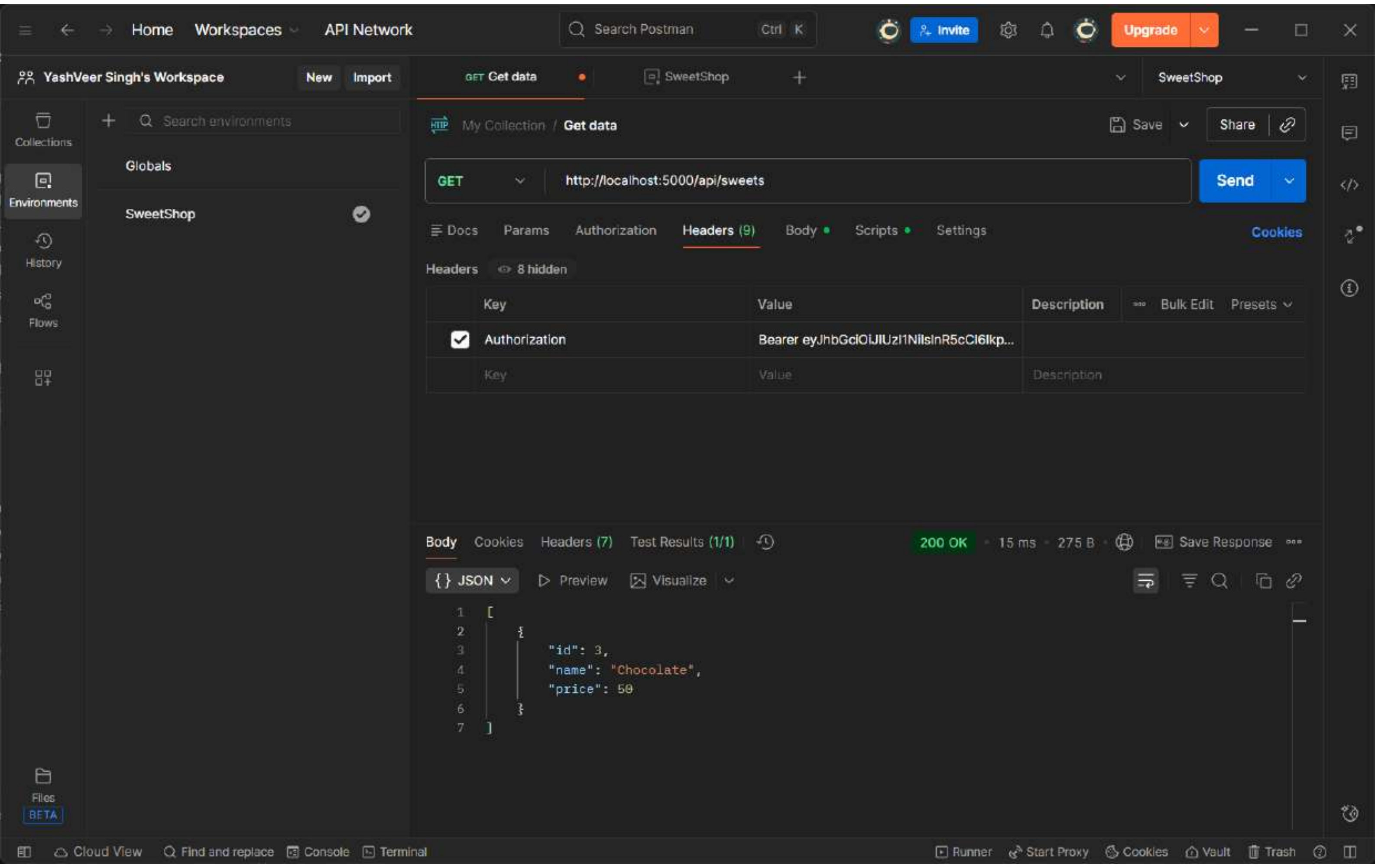
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
  "name": "Yashveer Singh",
  "email": "yashveer.singh3535@gmail.com",
  "password": "3535"
}

```

200 OK · 126 ms · 411 B

{} JSON

```
{
    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
      eyJ1c2VySWQiOjE3LCJyb2xlIjoiVVNFUiIsImlhdCI6MTc2NTc0NDkwNCwiZXhwIjoxNzY1NzQ4NTA0fQ.
      iiLELfjwPURnGg3dvZOBSY5mEH0Q4rtjHbdkVPi5NIY"
}
```

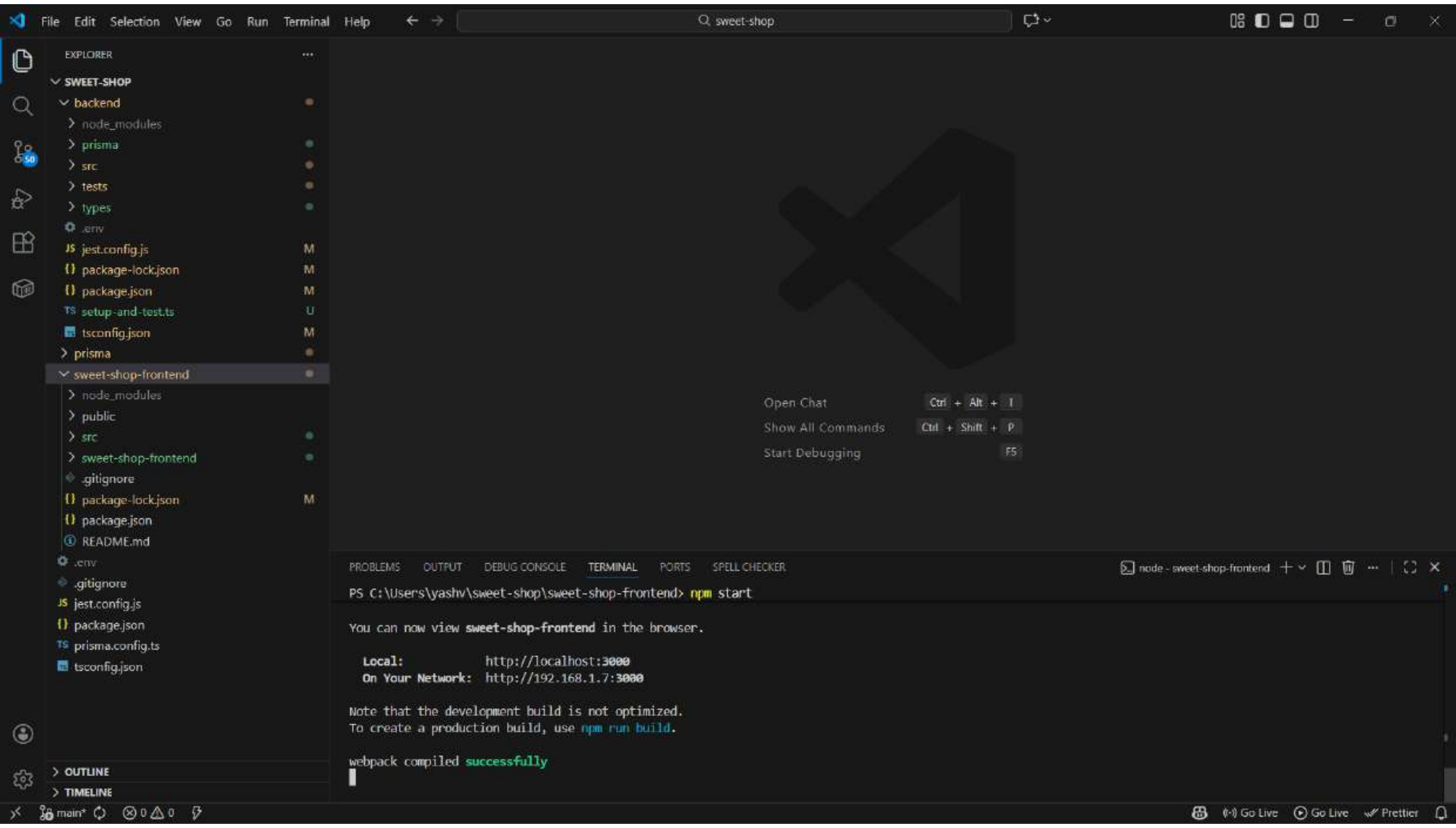


GET http://localhost:5000/api/sweets

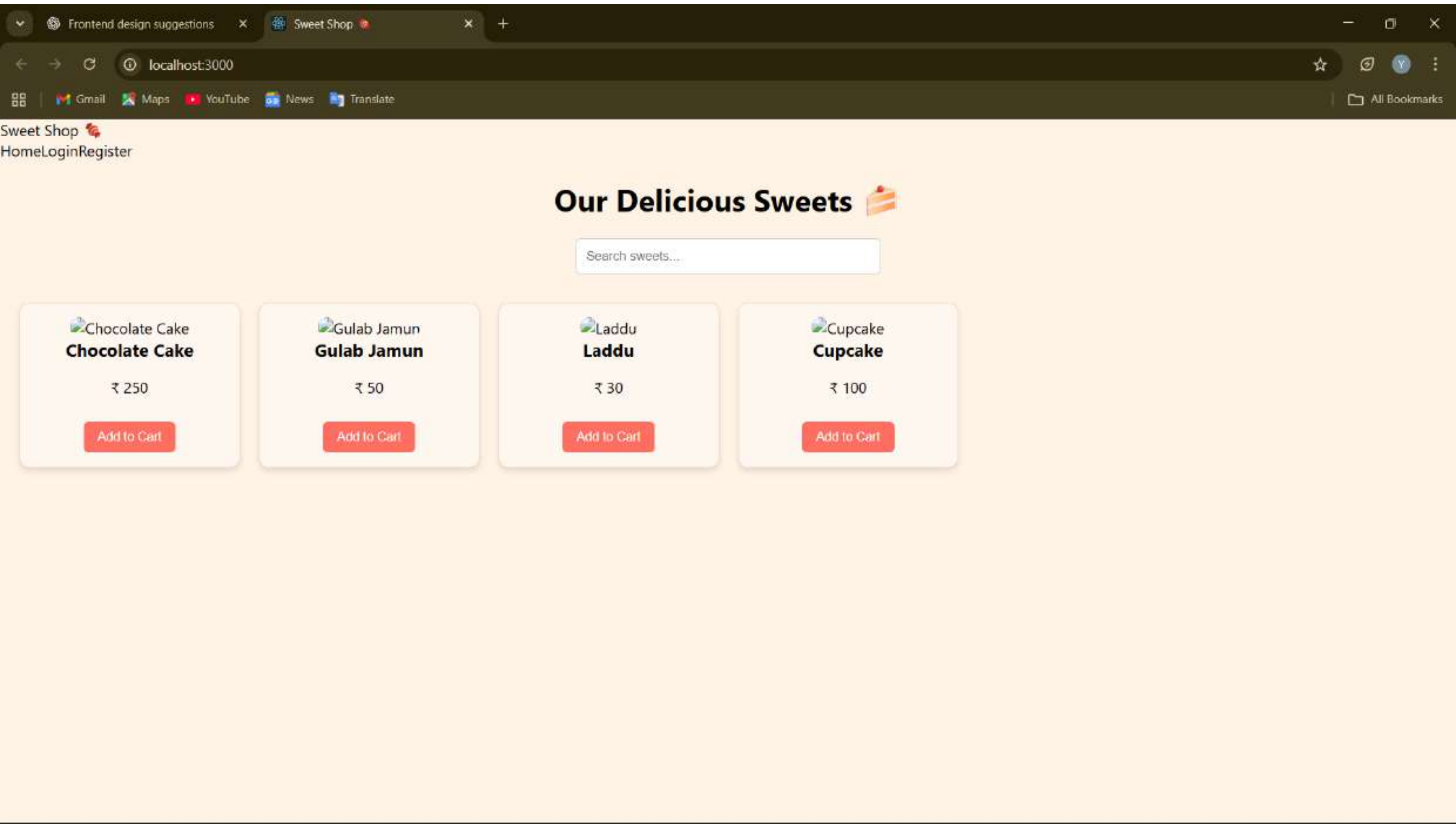
	Key	Value	Description
☑	Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6Ikp...	
	Key	Value	Description

200 OK · 15 ms · 275 B

```
[
    {
        "id": 3,
        "name": "Chocolate",
        "price": 50
    }
]
```



```
PS C:\Users\yashv\sweet-shop\sweet-shop-frontend> npm start

You can now view sweet-shop-frontend in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.1.7:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```



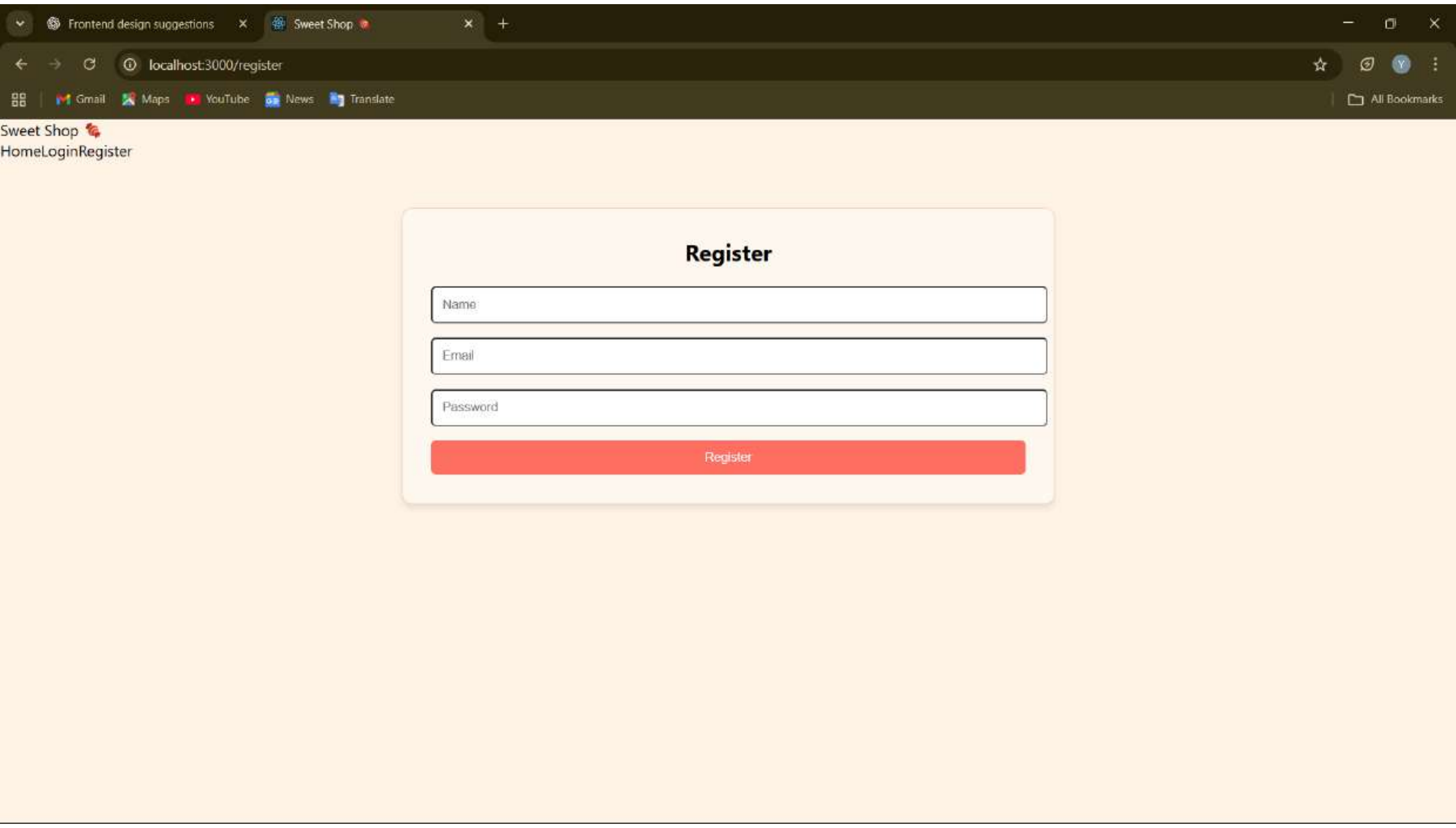
Sweet Shop 🍬

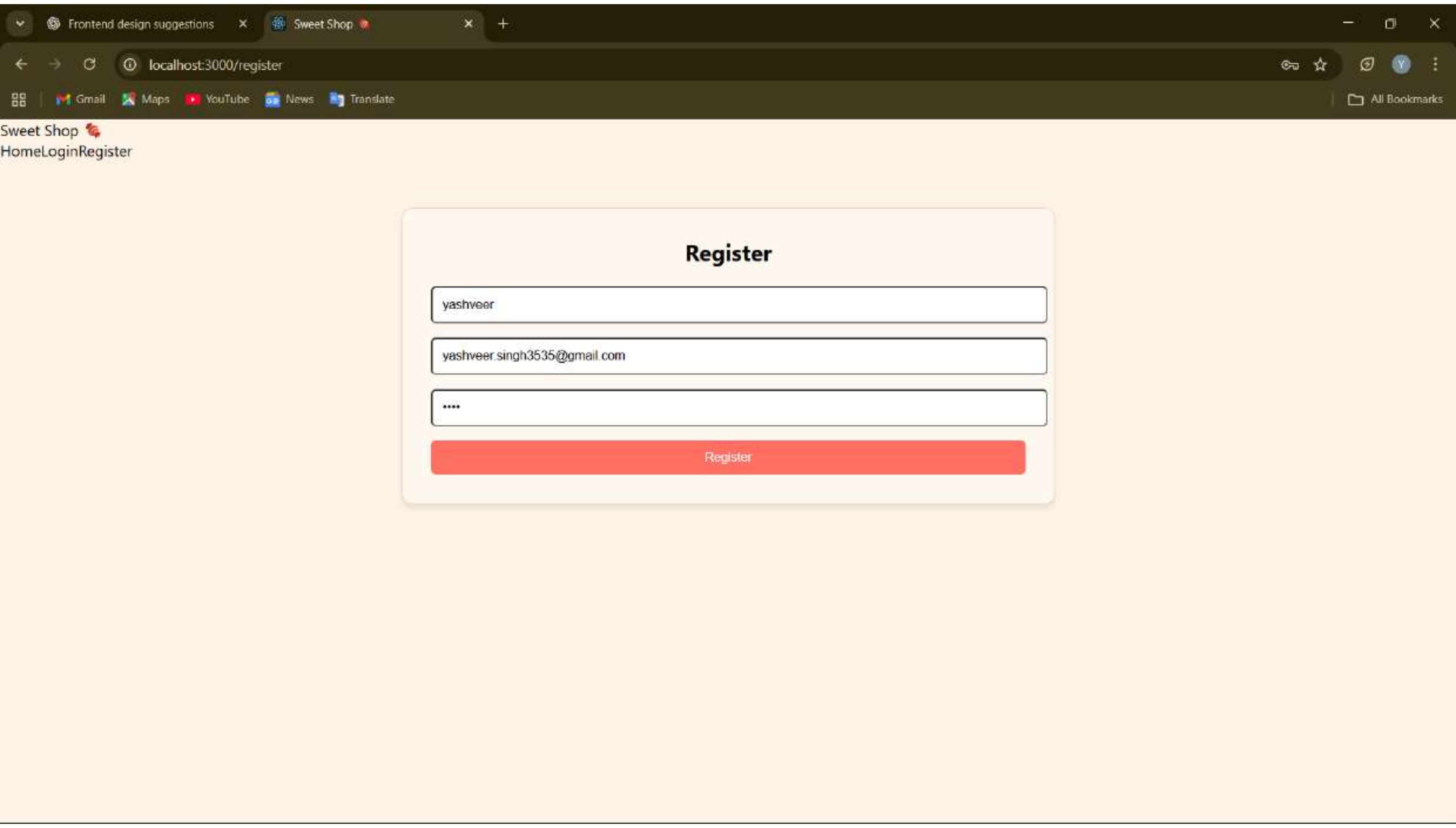
HomeLoginRegister

Our Delicious Sweets 🍰

Search sweets...

Chocolate Cake	Gulab Jamun	Laddu	Cupcake
Chocolate Cake	**Gulab Jamun**	**Laddu**	**Cupcake**
₹ 250	₹ 50	₹ 30	₹ 100
Add to Cart	Add to Cart	Add to Cart	Add to Cart


Frontend design suggestions
Sweet Shop
localhost:3000/register
Gmail
Maps
YouTube
News
Translate
All Bookmarks
Sweet Shop 🍬
HomeLoginRegister
Register
Name
Email
Password
Register



Sweet Shop 🍬

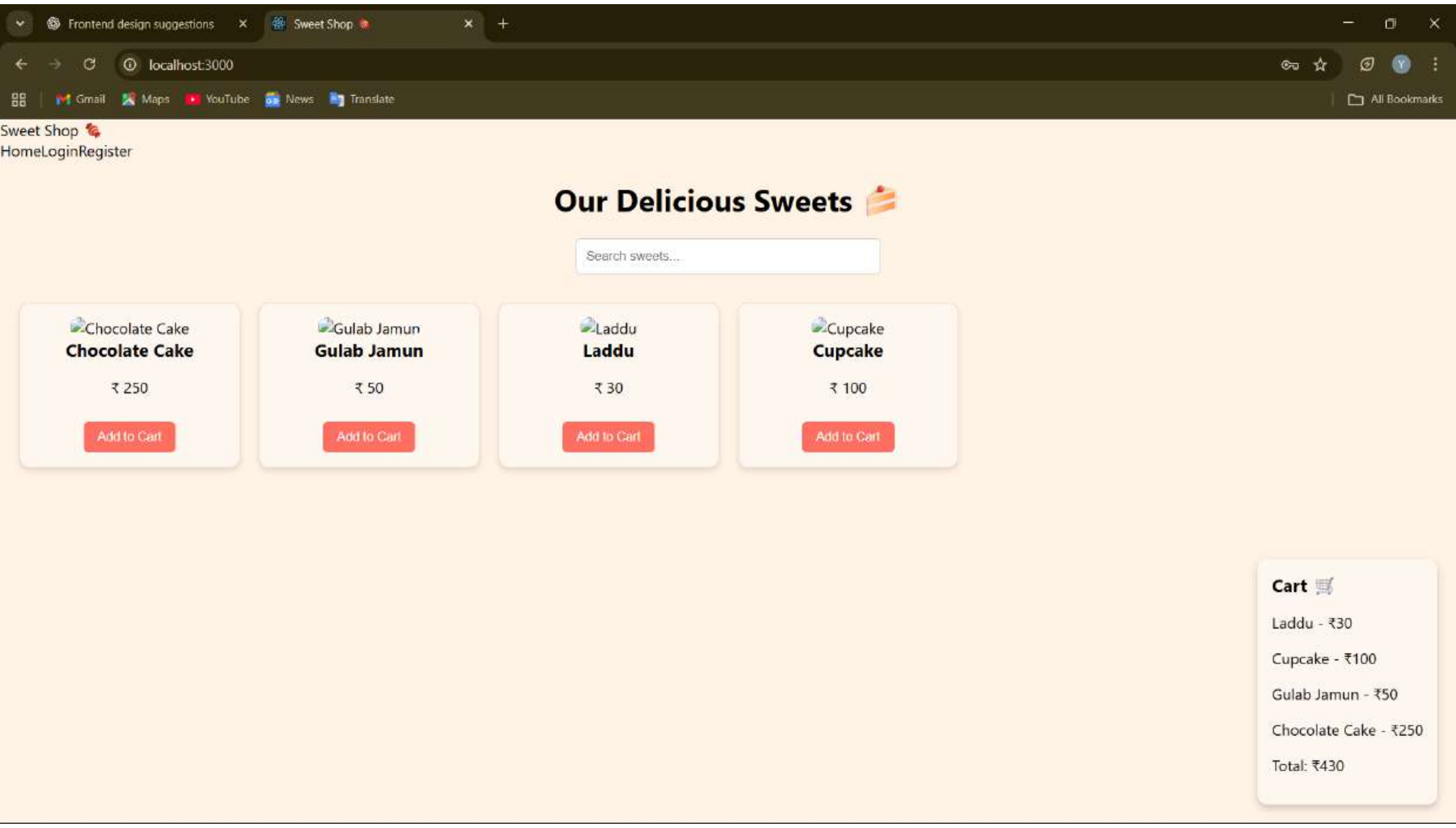
HomeLoginRegister

Register

yashveer

yashveer.singh3535@gmail.com

••••



Sweet Shop 🍬

HomeLoginRegister

Our Delicious Sweets 🍰

Search sweets...

Chocolate Cake	Gulab Jamun	Laddu	Cupcake
Chocolate Cake	**Gulab Jamun**	**Laddu**	**Cupcake**
₹ 250	₹ 50	₹ 30	₹ 100
Add to Cart	Add to Cart	Add to Cart	Add to Cart

Cart 🛒

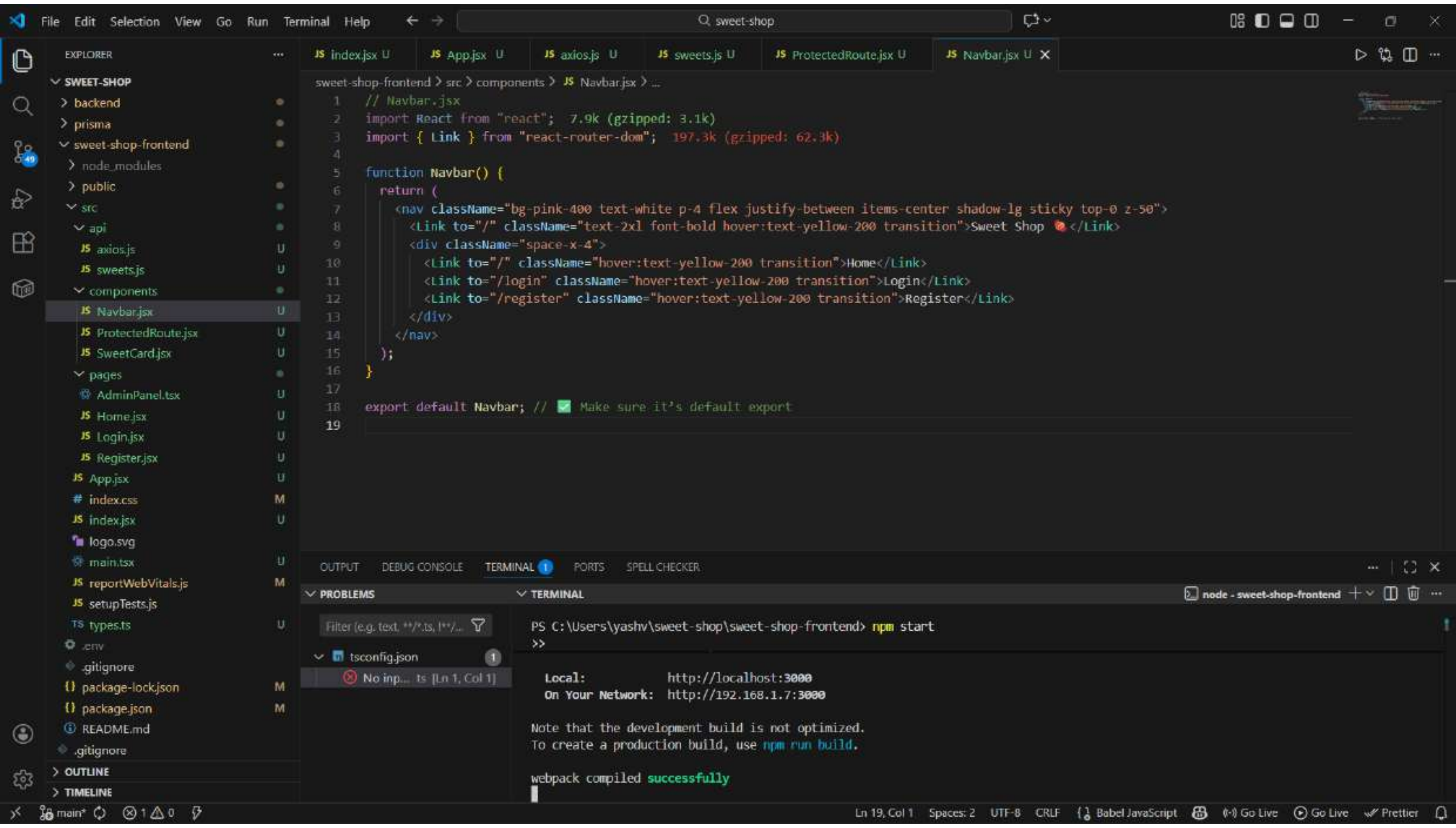
Laddu - ₹30

Cupcake - ₹100

Gulab Jamun - ₹50

Chocolate Cake - ₹250

Total: ₹430



```
// Navbar.jsx
import React from "react";  7.9k (gzipped: 3.1k)
import { Link } from "react-router-dom";  197.3k (gzipped: 62.3k)

function Navbar() {
  return (
    <nav className="bg-pink-400 text-white p-4 flex justify-between items-center shadow-lg sticky top-0 z-50">
      <Link to="/" className="text-2xl font-bold hover:text-yellow-200 transition">Sweet Shop 🍬</Link>
      <div className="space-x-4">
        <Link to="/" className="hover:text-yellow-200 transition">Home</Link>
        <Link to="/login" className="hover:text-yellow-200 transition">Login</Link>
        <Link to="/register" className="hover:text-yellow-200 transition">Register</Link>
      </div>
    </nav>
  );
}

export default Navbar; // ✅ Make sure it's default export

```

```
PS C:\Users\yashv\sweet-shop\sweet-shop-frontend> npm start
>>

  Local:            http://localhost:3000
  On Your Network:  http://192.168.1.7:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```