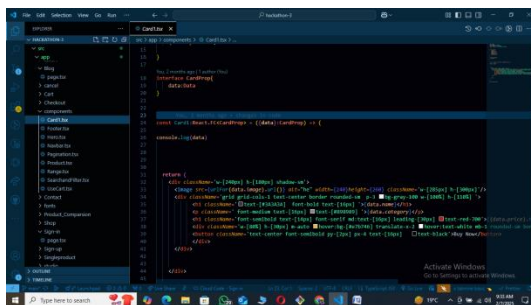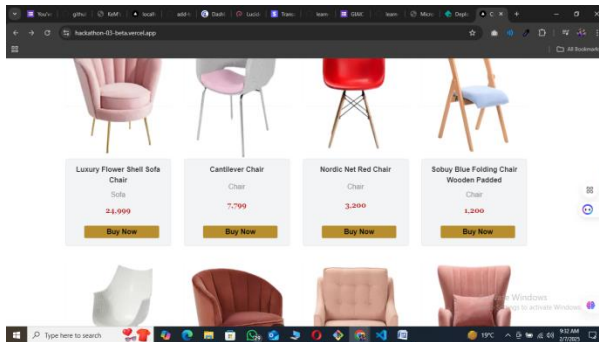# Day:4

Functional Deliverables:

Steps for Implementation:

1.Setup:

Nextjs installled and link with CMS Sanity.

2.component Building:

Reuseable component are used with tailwind css.

3.State Managemnt:

useState,useEffect and localStorage are used in project.

Key Component:

- Product Card
- Product Listing
- Pagination
- Search and Filter

Steps For development front end and backend:

Frontend:

- Website with Homepage, ShopPage ,Blogpage, Contactpage Singleproductpage ,signin in page,Cart page and payment page.
- Nextjs and react used in Frontend.
- For styleing Tailwindcss is being using.

localhost:3001 says
Product add in cart

OK

Chair
Diondre Chair - Tuft Button -
Acrylic Legs

A tufted chair with acrylic legs for a chic, modern touch.

$7200   Add to Cart   Back to Home

8 errors

```tsx
interface Data {
  quantity: number
  description?: string
}

const Page = async ({ params }: Prop) => {
  const productData = await client.fetchdata[]>(
    "[_type == "product" && slug.current=="${params.slug}"]{
      "id": _id,
      "image": image.asset->url,
      name,
      category,
      price,
      quantity,
      description
    }`)

  if (!productData || productData.length === 0) {
    throw new Error("Product not found")
  }

  const product = productData[0]

  const handleAddToCart = (data: Data) => {
    const cart = JSON.parse(localStorage.getItem('cart') || '{}')
    if (cart[data.id]) {
      cart[data.id] = {
        ...cart[data.id],
        quantity: cart[data.id].quantity + 1
```
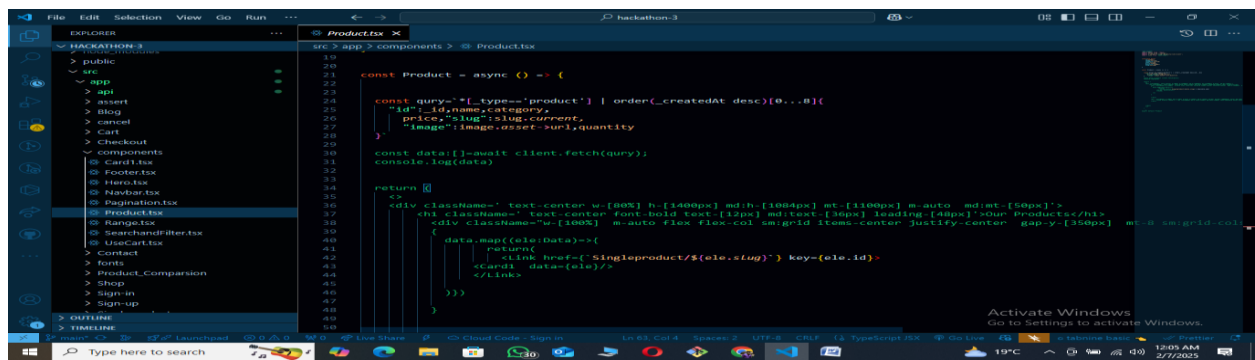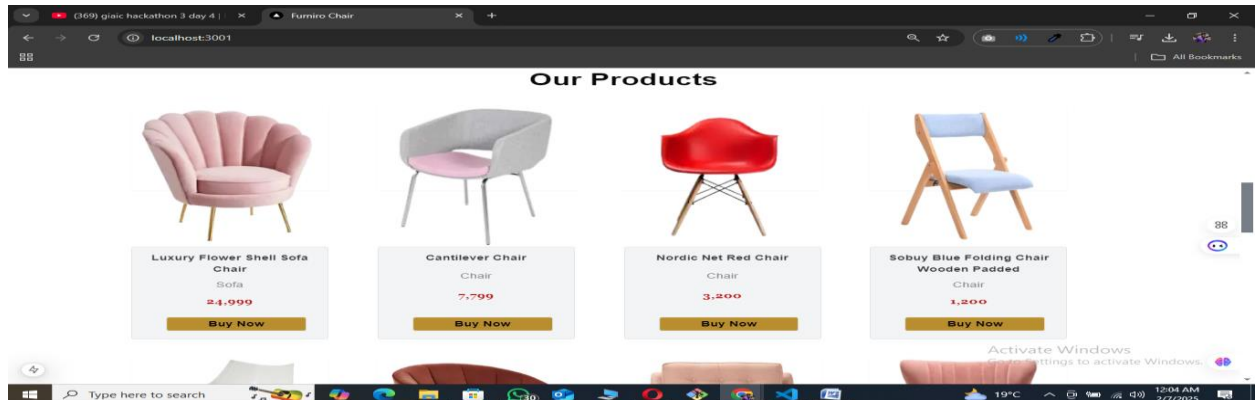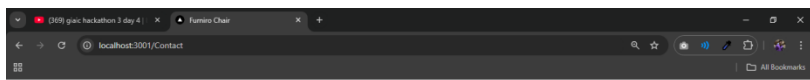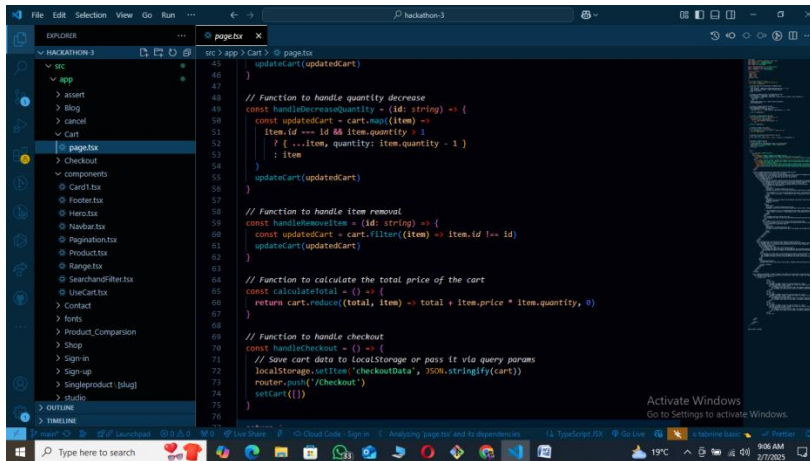
```tsx
const Page = async ({ params }: Prop) => {
    throw new Error("Product not found")
  }

  const product = productData[0]

  const handleAddToCart = (data: Data) => {
    const cart = JSON.parse(localStorage.getItem('cart') || '{}')
    if (cart[data.id]) {
      cart[data.id] = {
        ...cart[data.id],
        quantity: cart[data.id].quantity + 1
      }
    } else {
      cart[data.id] = { ...data, quantity: 1 }
    }
    localStorage.setItem('cart', JSON.stringify(cart))
    alert("Product add in cart")
  }

  return (
    <div className="w-[100%] min-h-screen">
      <Navbar />
      <section className="text-gray-600 body-font overflow-hidden">
        <div className="container px-5 py-24 mx-auto">
          <div className="lg:w-4/5 mx-auto flex flex-wrap">
            <img
              alt="ecommerce"
              className="lg:w-1/2 w-full lg:h-auto h-64 object-cover object-center rounded"
              src={product.image}
            />
```

Cart
Home > Cart

Shopping Cart

Diondre Chair - Tuft Button - Acrylic Legs   − 2 + $14400
Remove

Order summary
Subtotal $14400
Total $14400
Proceed to Checkout

8 errors

Screenshot 2 — Browser (localhost:3001/Contact)
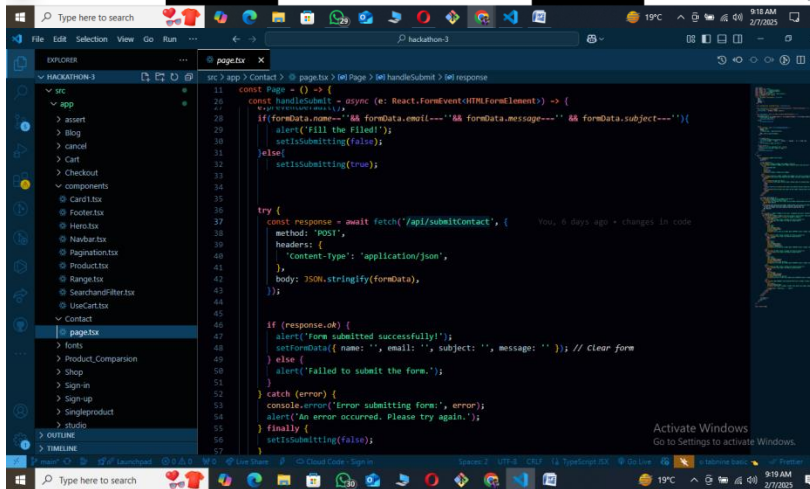
Get In Touch With Us

For More Information About Our Product & Services. Please Feel Free To Drop Us An Email. Our Staff Always Be There To Help You Out. Do Not Hesitate!
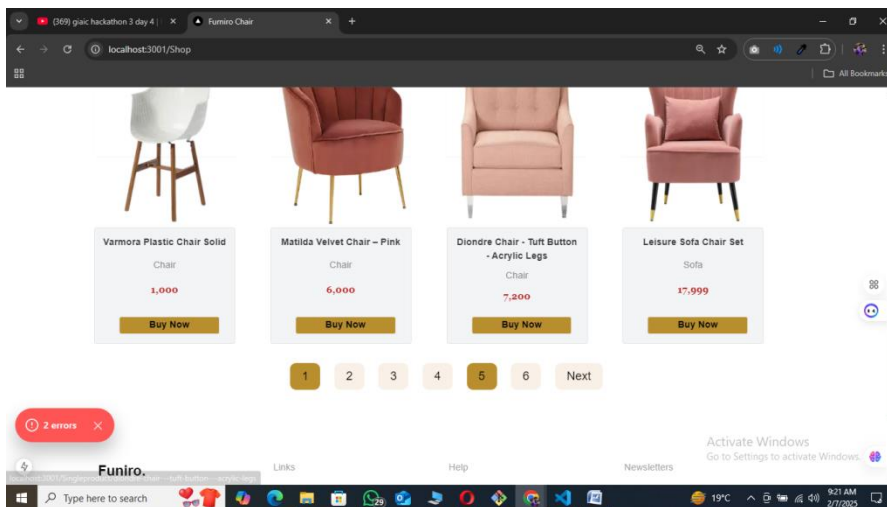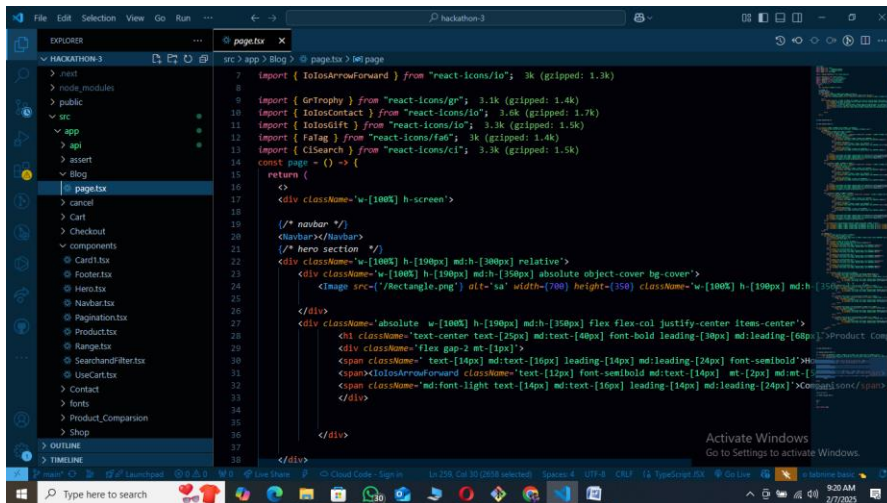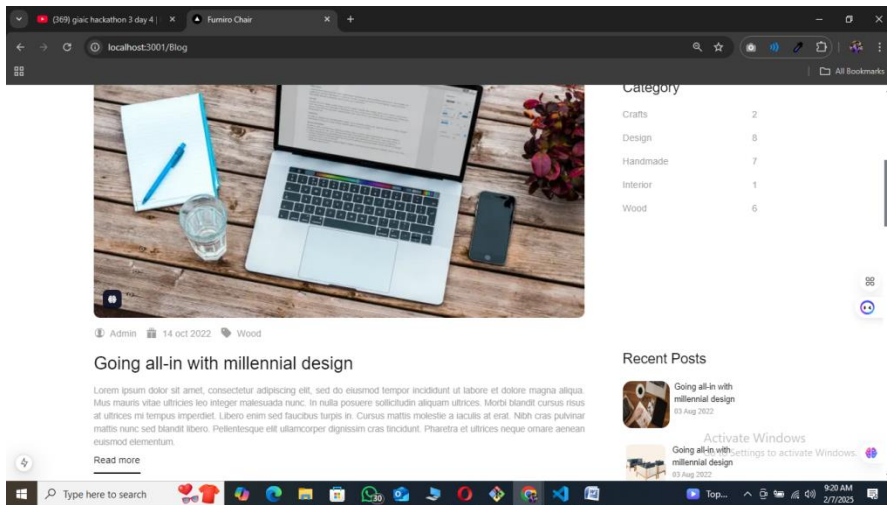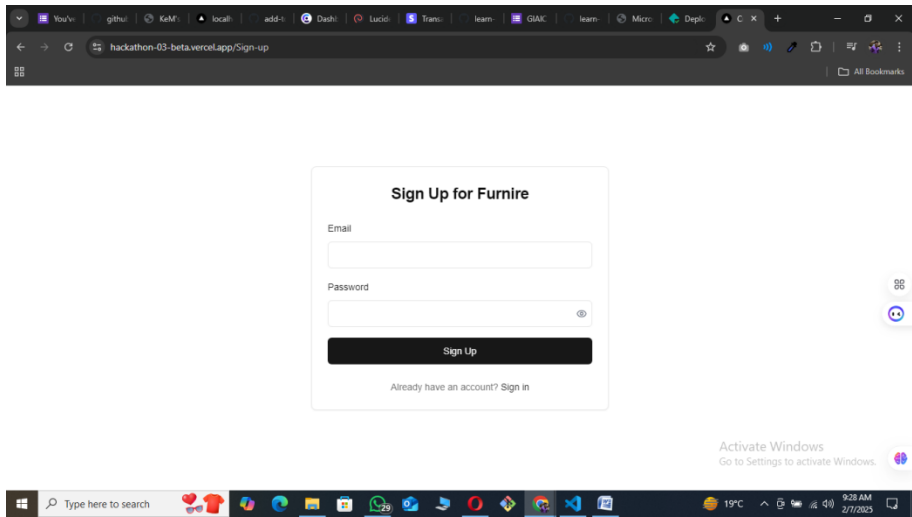
Your Name
abc

Email Address
ABC@def.com

Subject
This is an optional

Message

Activate Windows
Go to Settings to activate Windows.

Blog page (localhost:3001/Blog)

Category

Crafts	2
Design	8
Handmade	7
Interior	1
Wood	6

Admin 14 oct 2022 Wood

Going all-in with millennial design

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Mus mauris vitae ultrices leo integer malesuada nunc. In nulla posuere sollicitudin aliquam ultrices. Morbi blandit cursus risus at ultrices mi tempus imperdiet. Libero enim sed faucibus turpis in. Cursus mattis molestie a iaculis at erat. Nibh cras pulvinar mattis nunc sed blandit libero. Pellentesque elit ullamcorper dignissim cras tincidunt. Pharetra et ultrices neque ornare aenean euismod elementum.

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VS Code editor (page.tsx)

```
import { IoIosArrowForward } from "react-icons/io";  3k (gzipped: 1.3k)

import { GrTrophy } from "react-icons/gr";  3.1k (gzipped: 1.4k)
import { IoIosContact } from "react-icons/io";  3.6k (gzipped: 1.7k)
import { IoIosGift } from "react-icons/io";  3.3k (gzipped: 1.5k)
import { FaTag } from "react-icons/fa6";  3k (gzipped: 1.4k)
import { CiSearch } from "react-icons/ci";  3.3k (gzipped: 1.5k)
const page = () => {
  return (
    <>
    <div className='w-[100%] h-screen>

    {/* navbar */}
    <Navbar></Navbar>
    {/* hero section */}
    <div className='w-[100%] h-[190px] md:h-[300px] relative'>
        <div className='w-[100%] h-[190px] md:h-[350px] absolute object-cover bg-cover'>
            <Image src={'/Rectangle.png'} alt='sa' width={700} height={350} className='w-[100%] h-[190px] md:h-[350px]
        </div>
        <div className='absolute  w-[100%] h-[190px] md:h-[350px] flex flex-col justify-center items-center'>
            <h1 className='text-center text-[25px] md:text-[48px] font-bold leading-[30px] md:leading-[68px]>Product Comp
            <div className='flex gap-2 mt-[1px]'>
            <span className=' text-[14px] md:text-[16px] leading-[14px] md:leading-[24px] font-semibold'>Ho
            <span><IoIosArrowForward className='text-[12px] font-semibold md:text-[14px]  mt-[2px] md:mt-[5
            <span className='md:font-light text-[14px] md:text-[16px] leading-[14px] md:leading-[24px]'>Comparison</span>
            </div>

        </div>
    </div>
```

Shop page (localhost:3001/Shop)

Varmora Plastic Chair Solid	Matilda Velvet Chair – Pink	Diondre Chair - Tuft Button - Acrylic Legs	Leisure Sofa Chair Set
Chair	Chair	Chair	Sofa
1,000	6,000	7,200	17,999
Buy Now	Buy Now	Buy Now	Buy Now

1 2 3 4 5 6 Next

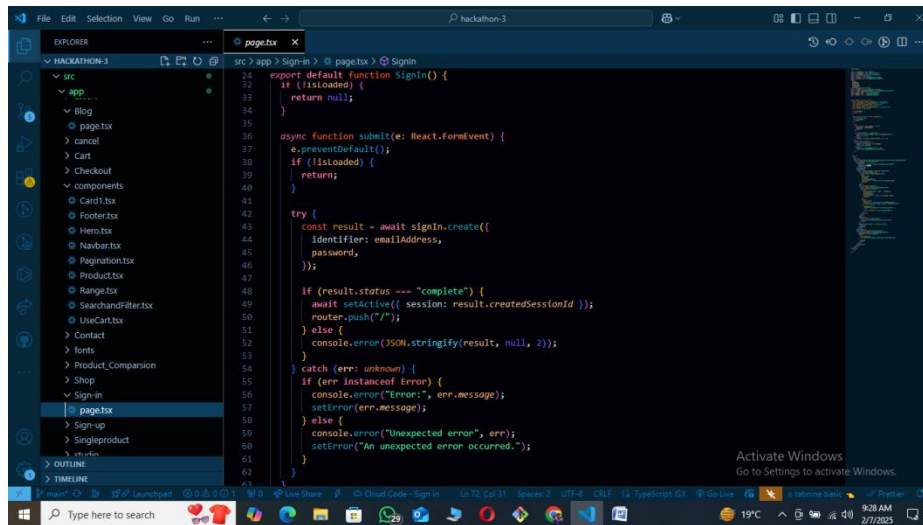2 errors

Funiro.

Links   Help   Newsletters

Backend Developmet:

For Signin and Signup:

- For user authentication and authorization Clerk is use.

Payment Gateway Integration:

- User can pay through Stripe Payment gateway.

Data Flow API:

- All card data and contact form summit data to sanity.

Conclusion:

For my website, card data comes from Sanity, and the contact form's POST request also saves data in Sanity. For payments, I use Stripe, but the data goes through an API instead of being sent directly to Stripe. For authentication and authorization, I use Clerk, and my Clerk setup is customized