MERN Stack Training
Company: Sensation Software Solutions
Student Name: Tajinder Kaur
Training Duration: 6 Months
Days: 62

Objective of the Day

Develop **core UI components** for the homepage using Tailwind CSS and shadcn/ui.

Work Done on Day 62

- **ProductCard Component**

```
const ProductCard = ({ image, title, price }) => (
  <div className="border rounded-lg shadow hover:shadow-lg p-4 transition">
    <img src={image} alt={title} className="w-full h-48 object-cover
rounded"/>
    <h3 className="mt-2 font-semibold">{title}</h3>
    <p className="text-green-600 font-bold">${price}</p>
    <button className="mt-4 btn btn-primary w-full">Add to Cart</button>
  </div>
);
export default ProductCard;
```

- **Responsive Grid Layout**

```
<div className="grid grid-cols-1 sm:grid-cols-2 lg:grid-cols-4 gap-6">
  {products.map(product => <ProductCard key={product.id} {...product} />)}
</div>
```

Hands-on Practice

- **Category Section**

```
const Categories = () => (
  <div className="flex justify-around py--8">
    {['Phones', 'Laptops', 'Headphones'].map(cat => (
      <div key={cat} className="p-4 border rounded hover:bg-gray-
50">{cat}</div>
    ))}
  </div>
);
```

- Applied **hover effects** and **shadow animations** for better UX.

Conclusion

Day 62 strengthened **component-based development skills** and practical use of Tailwind & shadcn for **professional UI design**.