3.Documentation:

Steps Taken to Build and Integrate Components

1. Project Initialization
2. Sanity CMS Setup
3. API Integration
4. Dynamic Routing
5. Frontend Components

Challenges Faced and Solutions Implemented

1. Challenge: Dynamic Route Not Loading
   - Problem: Dynamic route pages were returning a "Page Not Found" error.
   - Solution: Ensured the [slug].tsx file was correctly named and placed under /app/productcard/[slug]/page.tsx

3. Challenge: CMS Schema Changes Not Reflecting
   - Problem: Updates to Sanity schemas required a restart to be reflected.
   - Solution: Documented the workflow for schema updates and ensured proper deployment of changes in Sanity Studio

Best Practices Followed During Development

1. Code Organization
2. Responsive Design
3. Error Handling
4. Version Control