GIAIC (Q2)
Market-Place-Builder-Hackathon-2025

DAY 2: PLANNING THE TECHNICAL FOUNDATION.

Marketplace Technical Foundation – MORENT

Design System Architecture

My MarketPlace: Rental Car E-Commerce Website.

```
[Frontend (Next.js)]
      |
[Sanity CMS] ---------> [Rental Management System]
      |
[Location and Availability API]
      |
[User Authentication System]
      |
[Payment Gateway]
      |
[Push Notification System]
```

[Frontend (Next.js)]: Cars ki listing aur booking ke liye.

[Sanity CMS]: Sanity mein rental e-commerce website ke liye schemas banaye jate hain jo products (e.g., cars, orders, users, aur availability) ko define karte hain,
aur ye data CMS mein store hoke APIs ke zariye frontend ko supply hota hai.

[Rental Management System]: Booking duration, driver options, aur car availability handle karega.

[Location & Availability API]: Location-based products dikhayega.

[User Authentication System]: User accounts aur booking history ke liye.

[Payment Gateway]: Deposit, payments, aur late fee process karega.

[Push Notification System]: Booking updates aur reminders bhejega.