

## **DAY 7 - LIVE DEPLOYMENT AND POST-LAUNCH**

### **PRACTICES HACKATHON REVIEW OF DAY-01 TO DAY-06**

#### **Day-01 Review:**

- In the Day-01 of Hackathon 3 , we created our mindset on the paper to clear the visions on the marketplace we wanted to build.
- Suggested a name for the website
- Choose the type of marketplace we want to build such as E-commerce , Rental or Q-commerce

#### **Day-02 Review:**

- Now its time to bring your ideas or planning of Day 1 to the technical preparation to build the marketplace.
- The focus must be on the responsiveness of the website like it must be user friendly and navigate on all screen sizes for mobile users or any other
- Make the flow chart of showing what the relationship between of all of this and conclude in a simple way to understand

#### **Day-03 Review:**

- The focus for Day 3 is integrating APIs and migrating and to fetch data from Sanity CMS.
- Created a schema and stored the data to Sanity CMS .

## Day-04 Review:

- Design the dynamic fronted to display after fetching the data from sanity .
- . ● Created components for users to interact and have easy access to products and product's payment **checkout**.

## Day-05 Review:

- Prepared the marketplace for real-world deployment by ensuring all components are thoroughly tested, optimized for performance, and ready to handle customer-facing traffic.
- Tested error handling , security concerns and performance testing for easy access and for making it more user friendly
- . ● Tested functionality of components , checked if they are working and made the UI responsive for all types of screen sizes.

## Day-06 Review:

- Prepared the marketplace for deployment by setting up a staging environment, configuring hosting platforms, and ensuring readiness for a customer facing application.
- Deployed the project successfully by ensuring all environmental variables are intact and checked all build outputs for easy deployment.

- Tested environment from tools like lighthouse to get a full report about performance and security of the website.

## **Day-07 Review :**

### **1. Production Deployment:**

#### **Environment Setup:**

- Configured production environment variables securely.
- Ensured all sensitive data (e.g., API keys, database credentials) is encrypted and stored securely.

#### **Secure Hosting:**

Used reliable hosting platforms like Vercel to deploy the project. Enabled HTTPS for all traffic using SSL certificates.

#### **Codebase Management:**

- Kept the production repository private to protect trade secrets and sensitive code
- Separated staging and production repositories for better environment

#### **User Management:**

- Implemented role-based access control for employees
- Maintained a separate admin dashboard to avoid exposing admin functionalities to the public.

#### **Data Encryption:**

- Encrypted sensitive user data (e.g., passwords, payment details) using strong encryption standards.
- Ensured secure data storage and transmission.

### **Gratitude and Positive Gestures:**

**Looking back, its hard to believe that just 11 months ago , I had no idea how to run a computer program. I was a complete novice , Unsure of where to begin .But with the constant support, patience, and guidance of our faculty .. I not only overcame my initial fears but also can make a website in a marketplace.**