

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-03 , we created a rough draft on the marketplace we wanted to build.
- Gave a name to the marketplace we wanted to build
- Defined the type of marketplace we want to build such as E-commerce , Rental or Q-commerce

Day-02 Review:

- The primary goal of Day 2 is to transition from the business-oriented planning of Day 1 to the technical preparation required to build the marketplace.
- Outlined the front-end requirements , planned out the components and pages to be used in the marketplace and made it responsive for both mobile users and desktop users.
- Created a system Architecture which showed all the technical routing and navigation through flowchart and arrows.
- Planned out the API requirements needed to fulfill a certain task for component

Day-03 Review:

- The focus for Day 3 is integrating APIs and migrating data into Sanity CMS to build a functional marketplace backend.
- Created a schema and stored the data to Sanity CMS using the migration file.

Day-04 Review:

- designed and developed dynamic frontend components to display marketplace data fetched from Sanity CMS or APIs.
- 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 and gmetrix to get a full report about performance and security of the website.

Day-07 Review :

1. Production Deployment:

Environment Setup:

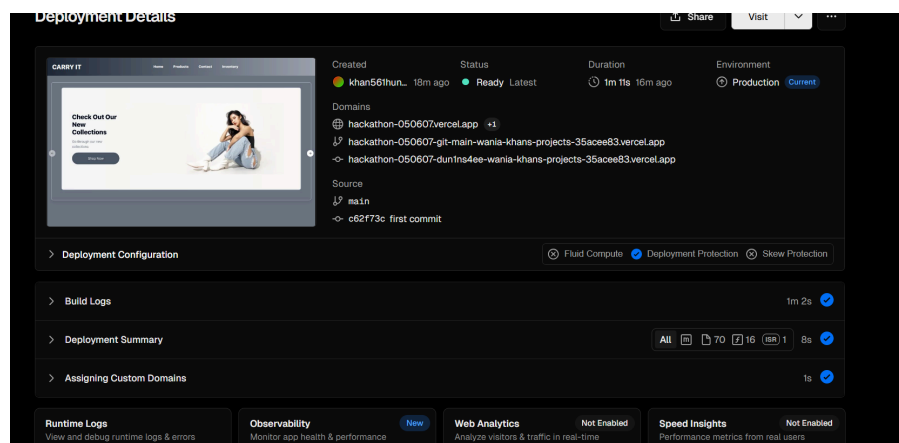
- Configured production environment variables securely.
- Ensured all sensitive data (e.g., API keys, database credentials) is encrypted and stored securely.

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



CORS origins			+ Add CORS origin
Hosts that can connect to the project API.			
ORIGIN	CREDENTIALS	CREATED	
https://hackathon-050607-gjov63voo-wania-khans-projects-35acee83.vercel.app	Not Allowed	2 hours	
https://hackathon-050607-git-main-wania-khans-projects-35acee83.vercel.app	Not Allowed	18 hours	
https://hackathon-050607.vercel.app	Not Allowed	18 hours	
https://hackathon-050607-hfm4x2g4l-wania-khans-projects-35acee83.vercel.app	Not Allowed	18 hours	
http://localhost:3000	Allowed	1 week	

Data Encryption:

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

User Management:

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

Monitoring Tools:

o Used tools like Google Analytics for real-time monitoring and issue tracking.

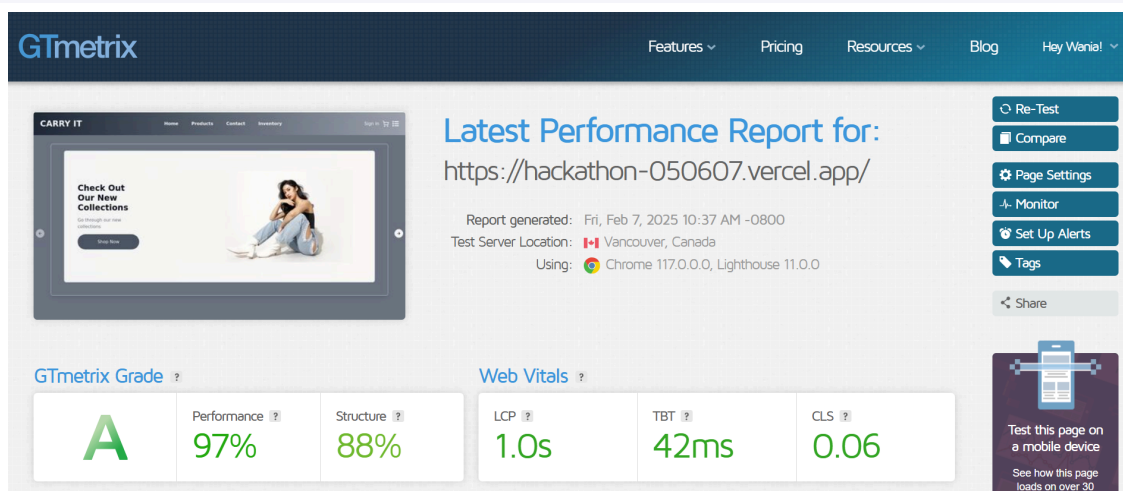
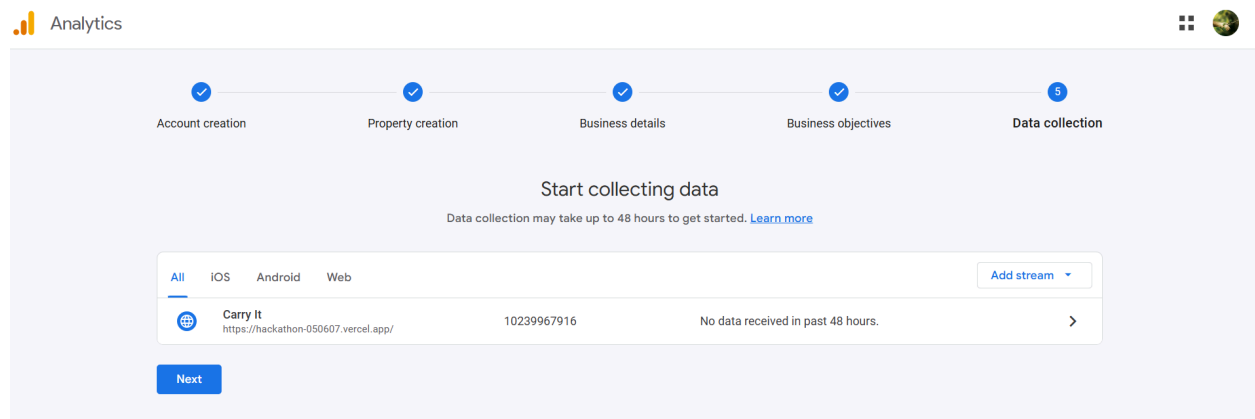
Performance Optimization:

o Regularly monitor site performance and optimize speed and reliability. Issue Management:

o Maintain a detailed log of bugs and issues for continuous improvement.

Scheduled Maintenance:

o Plan downtime for updates and inform customers in advance.



1. Branding and Marketing

Branding:

- o Designed a professional logo and brand identity for my marketplace.
- o Create a strong social media presence to attract customers.

Marketing:

- o Used SEO, and email campaigns to reach my target audience.
- o Collaborate with influencers or partners to boost visibility.
- o Launch promotions or referral programs to increase customer engagement

LOGO



Gratitude and Positive Gestures:

This journey has been so wonderful and amazing for me , Thanks to my teachers , my senior and student leaders and all the faculty for teaching me and believing in me . Thank you to Sir Ameen Alam and Sir Zia for bringing wonderful opportunities to grow with confidence and power. These 8 months made me believe that i can do a lot better and make myself a marketplace without any need for hiring , this journey made me independent and confident so Thank you to AllIf i make it to 3rd Quarter then lets meet again InshaAllah.....Happy Coding