

# Hackathon 5 - Day 5

## Testing and Backend Refinement

### Project Overview

This report summarizes the testing, error handling, and backend integration refinement processes for the car rental website developed using Next.js and Sanity CMS. The website allows users to rent cars, view detailed car listings, manage filters, and track their orders. Day 5 focused on ensuring functional integrity, optimizing performance, and refining backend processes.

### Functional Deliverables

#### 1. Functional and Responsive Components

- **Screenshots and Recordings:** Attached screenshots and recordings demonstrate the following functionalities:

Filter by

Type

- ☐ SUV
- ☐ Sedan
- ☐ Sport

Capacity

- ☐ 2 People
- ☐ 4 People
- ☐ 5 People

Fuel Capacity

- ☐ 50L
- ☐ 70L
- ☐ 90L

Nissan Altima

Hybrid



50L Manual 5 seats

\$90.00/day

Rent Now

Audi A6

Hybrid



50L Manual 5 seats

\$120.00/day

Rent Now

Rolls-Royce

Sedan



70L Manual 4 People

\$96.00/day

Rent Now

All New Terlos

SUV



90L Manual 6 People

\$74.00/day

Rent Now

Rolls-Royce

SUV



70L Manual 6 People

Mercedes-Benz C-Class

Gasoline



65L Manual 5 seats

CR-V

SUV



80L Manual 6 People

Nissan GT-R

Sport



80L Manual 2 People

MORENT

Search for a car...



Nissan Altima

Hybrid

★★★★☆ 440+ Reviewer



50L

Fuel Capacity



Manual

Transmission



5 seats

Seating Capacity

Brand: Nissan

Tags: Recommend


\$90.00 / day

~~\$129.00~~

Rent Now

Reviews 13

### Rental Summary



**Nissan Altima**  
Hybrid

Subtotal	\$90.00
Tax (10%)	\$9.00
<b>Total</b>	<b>\$99.00</b>

First Name

Last Name

Email Address

Phone Number

Rental Period

Card Number

Expiry Date

CVV

Please fill in this field.

Confirm Payment

## Testing Report

The detailed testing report is available in CSV format with the following columns:

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks				
2	TC01	check category page	open the category page	cars displayed	cars displayed	passed	good	Myself	-				
3	TC02	check car detail page	open the car detail page on rent now button	it should display details according to specific details	it didnt display	failed	low	Myself	slug issue				
4	TC03	check the home page	open the home page	selected cars display	cars displayed	passed	good	Myself	-				
5	TC03	check the payment page	upon clicking on the rent now button the user redirects to payment page and fill form	the form should submit and the user is created in sanity with order details	same as expected	passes	low	Myself	-				
6	TC04	deploy on vercel	push the changes on github and redeploy	it should deploy and work	it failed to deploy	failed	low	Myself	token issue				
7													
8													
9													
10													
11													
12													
13													

## Challenges and Resolutions

- **Challenge:** vercel deployment issues.
- **Resolution:** added token and cors.
- **Challenge:** Dynamic routing for detailed car pages.
- **Resolution:** Added product slug.

## Conclusion

**I have fixed most of the errors. The rest will be fixed as soon as possible. Everything is working fine on the local host.**