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Roll No: 00462557

Day 05 - Testing and Backend Refinement

Template-07 Rental Car [Rental E-Commerce]

Functional Deliverables

Billing Info
Please enter your billing info
Step 1 of 4

Name

Phone Number

Address

Town/City

Rental Info
Please select your rental date
Step 2 of 4

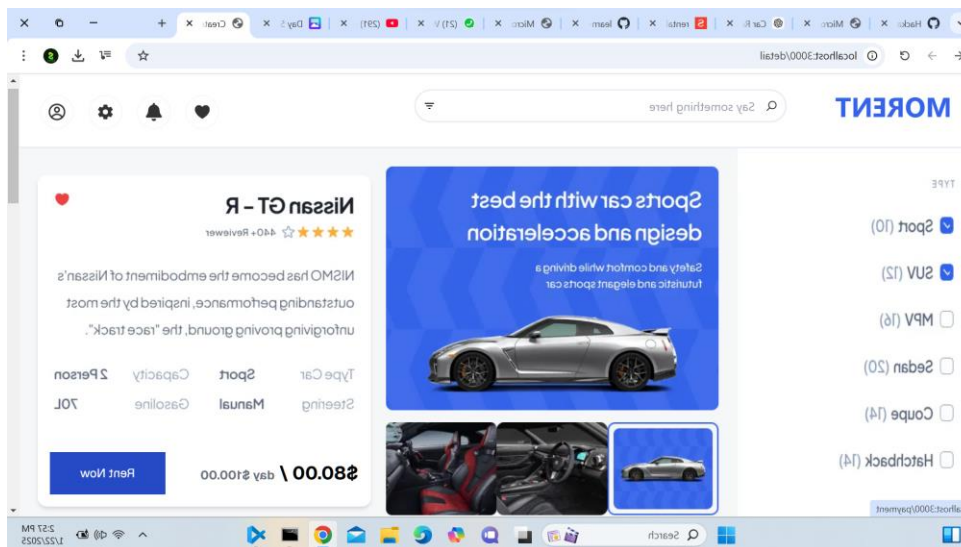
☒ Pick - Up

Locations

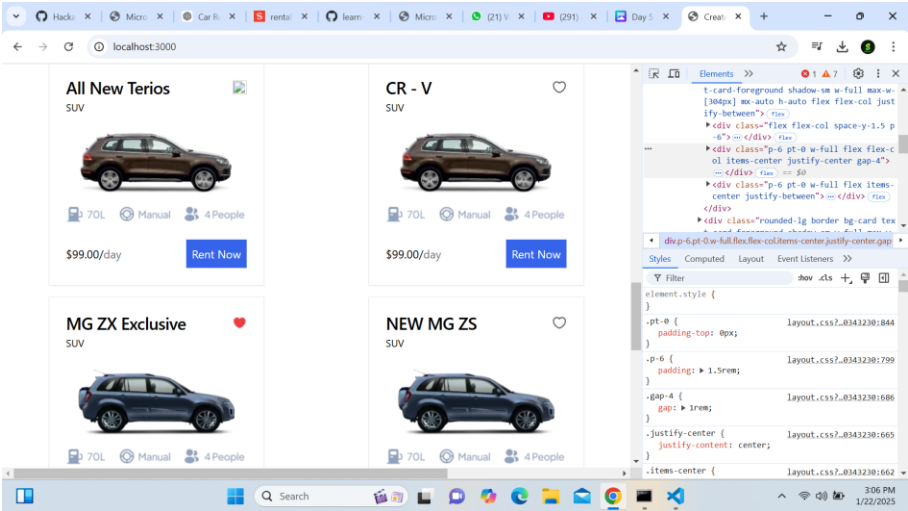
Select Your City

Date

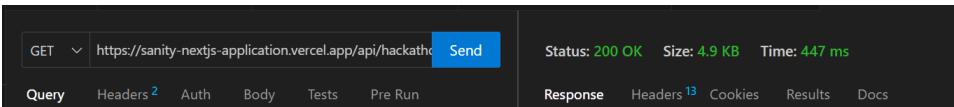
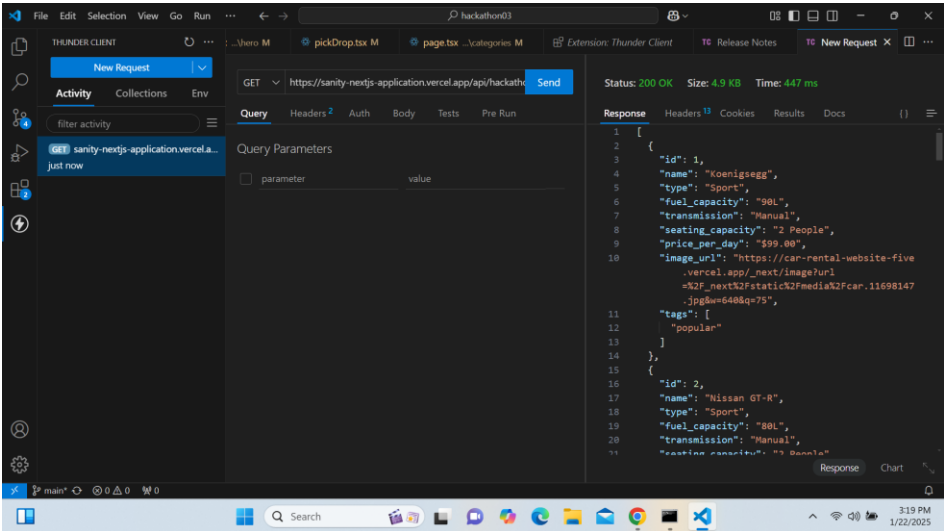
Select Your Date



Responsiveness



API Testing Successfully

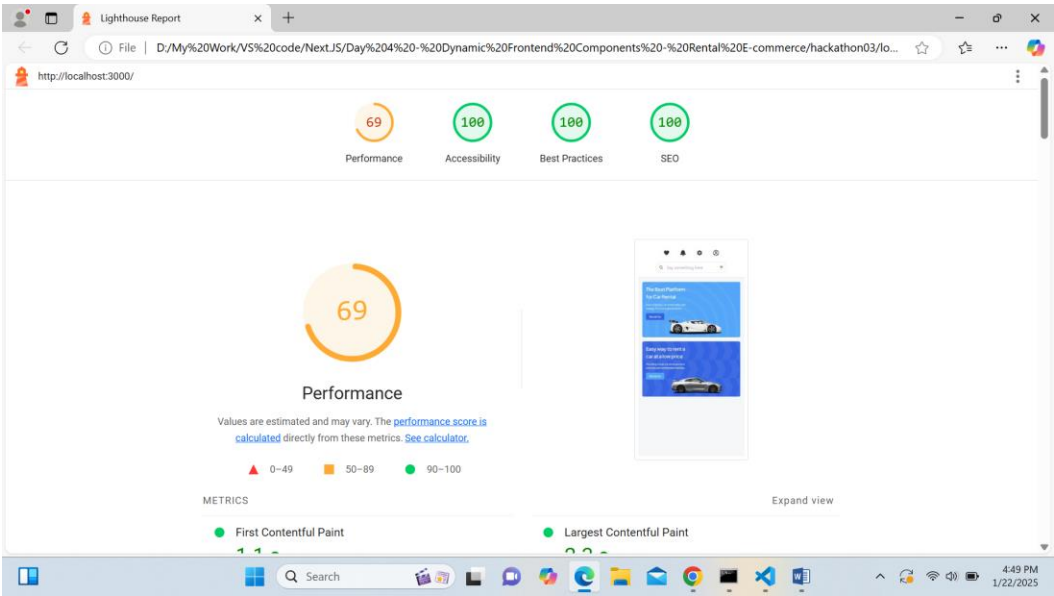


Testing Report (CSV Format)

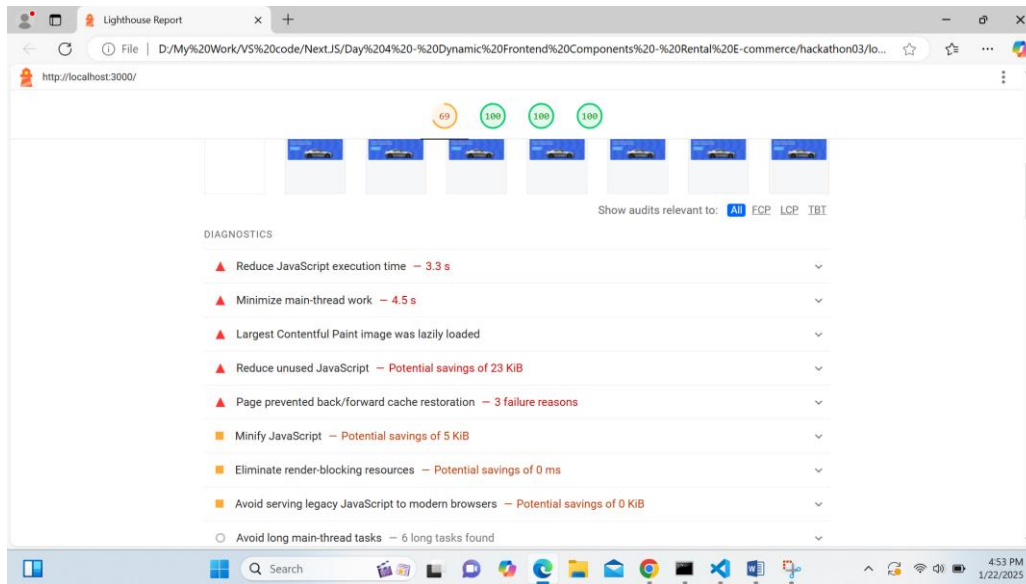
The results of the comprehensive testing were compiled into CSV file for clear documentation and review. Screenshots of the testing report demonstrate the final outcomes of the testing process.

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Validate product listing page	Open car home page > Verify cars	Products displayed correctly	cars displayed correctly	Passed	High	-	No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
TC003	Validate payment gateway	Initiate payment > Verify transaction	Not completed yet	Working on it	-	-	-	-
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful

Performance Optimization (Lighthouse)



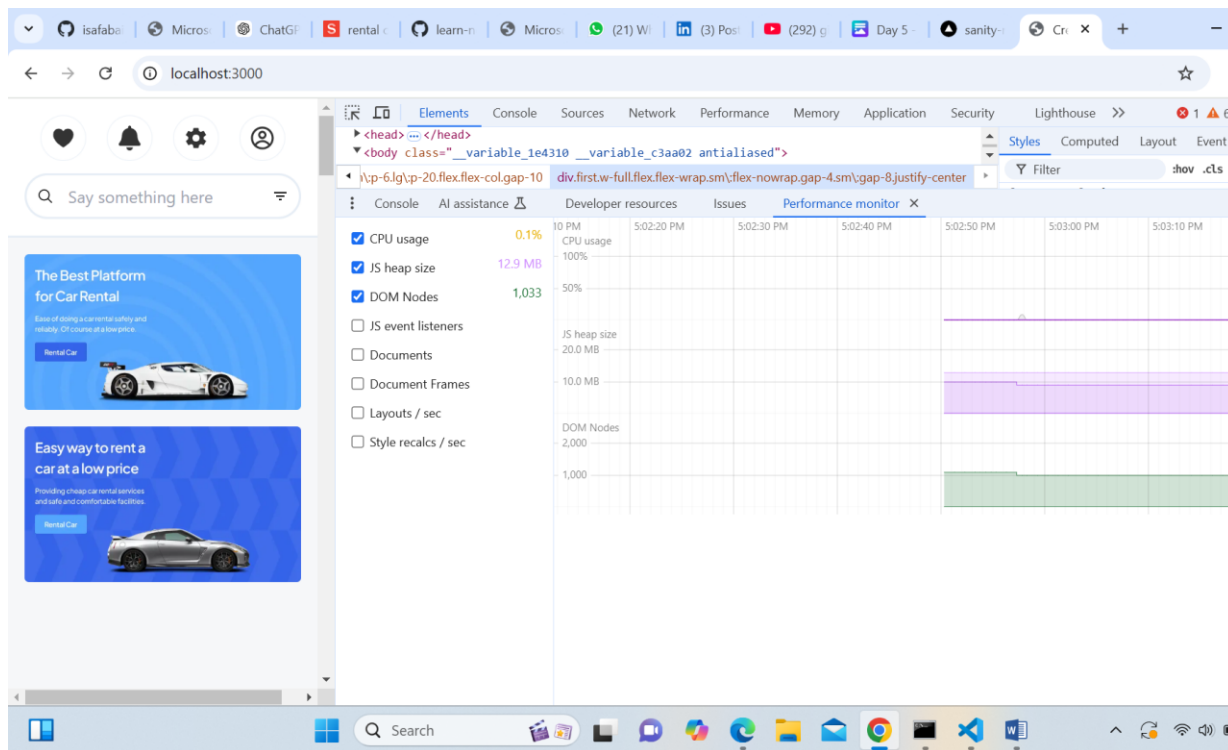
Errors



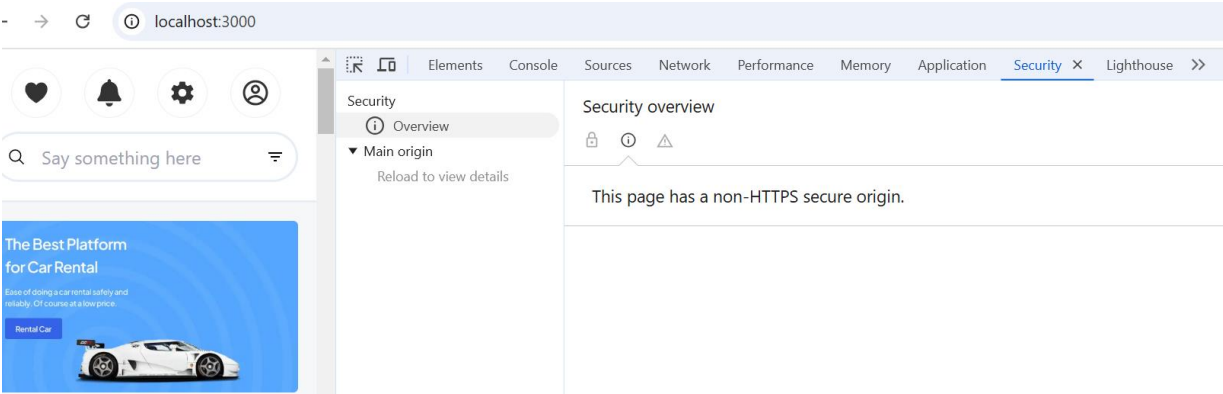
Trust and Safety

- Ensure CSP is effective against XSS attacks
- Use a strong HSTS policy
- Ensure proper origin isolation with COOP

Optimization Monitor



Security



Checklist for Day 5	Status
Functional Testing	✓
Error Handling	✓
Performance Optimization	✓
Cross Browser and Device Testing	✓
Security Testing	✓
Documentation	✓
Final Review	✓

