





DAY 06: DEPLOYMENT PREPARATION AND STAGING

ENVIRONMENT SETUP




Step 01: Hosting Platform Setup.

- **Choose Platform:**
 - Select **Vercel** for deployment as it provides a seamless, efficient, and scalable solution for hosting Next.js applications.
- **Connect Repository:**
 - Link project repository, such as **GitHub**, and integrate it with **Vercel** for automated deployments and version control management.

Step 02: Configure Environment Variables.

- **Create a “.env.local” file and upload variables to hosting platform:**
 - NEXT_PUBLIC_SANITY_PROJECT_ID = 
 - NEXT_PUBLIC_SANITY_DATASET = 
 - API_KEY = 
 - CLERK_SECRET_KEY = 

Step 03: Deploy to Staging.

- **Conducted functional tests** for booking, availability search, and pricing operations. 
- **Performed basic performance checks** using browser developer tools for smooth navigation. 
Conducted security testing for input validation, secure payment processing, and API communication. 

• Testing Report.

	A	B	C	D	E	F	G	H	I
	Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
1	TC001	Car Listing	Home Page > Verify Car Listing	Cars should be displayed correctly	All cars are displayed	Passed	Low	-	No issues found
2	TC002	Dynamic Page	Click on a car for details	Dynamic route should work properly	Dynamic route works properly	Passed	Low	-	No issues found
3	TC003	Add to Wishlist	Click on the heart icon of a car	Car should be successfully added to the wishlist	Car successfully added to the wishlist	Passed	Low	-	No issues found
4	TC004	Search Bar	Click on the search bar in the header	Search cars by their name or type	Cars are successfully displayed	Passed	Low	-	No issues found
5	TC005	Filter Bar	Select "SUV" type in the filter bar	"SUV" cars should be displayed successfully	"SUV" cars are displayed successfully	Passed	Low	-	No issues found
6	TC006	Responsive Design	Test on desktop, tablet, and mobile	Design should be responsive on all devices	Works on desktop and mobile, not on tablet	Failed	Medium	-	Fix tablet layout
7	TC007	Cross-browser compatibility test	Test the website on Chrome, Firefox, and Edge	Website should render correctly on all browsers	Website displayed correctly on all browsers	Passed	Medium	-	Verified on multiple browsers
8	TC008	Test data submission to Sanity	Enter car details in the form > Click submit	Data should be successfully entered into Sanity and shown in the browser console	Data successfully entered into Sanity and logged in the console	Passed	low	-	No issues found
9	TC009	Test "Rent Now" flow and login	Click "Rent Now" > Redirect to sign-in page > Login > Redirect to billing page	User should be redirected to the sign-in page, logged in, and then redirected to the billing page	User was redirected to sign-in, logged in, and redirected to billing page	Passed	Low	-	No issues found
10	TC010	Error handling	Disconnect API > Load cars page	Show fallback UI with error message	Error message shown successfully	Passed	low	-	No issues found

• Performance Report Uploaded on Github.

Name	Last commit message	Last commit date
..		
performance for desktop.pdf	updated	2 minutes ago
performance for mobile.pdf	updated	2 minutes ago
testing report.csv	updated	2 minutes ago

THANK YOU