Day-5- Testing and Backend Refinement

Testing Report:

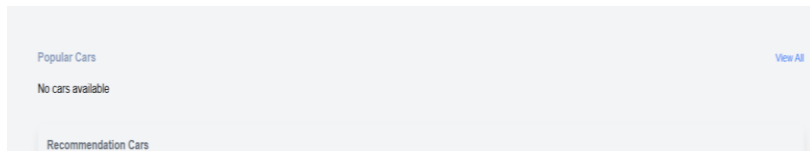| Test Case	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned T	Remarks
TC001	Validate car listing page	Open All categories page> All Data fetched accu	Cars displayed correctly	Cars displayed correctly	Passed	High	-	No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
TC003	Check Rent Now button functionality	Click on Rent now button > Verify car content	show the content of selected car	content shown as expected	Passed	High	-	Works as expected
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as	Passed	Medium	-	Test successful
TC005	Validate search bar	write car name> search for a car	Show car's detail page and show no car availa	Shown detail's page and mess:	Passed	Medium	-	Test successful
TC006	validate dynamic details page	click on different car> verify car's detail page	Show the details of selected car	Shown as expected	Passed	High	-	Works as expected
TC006	Validate checkout form	Fill the form> wait to fill all the fields> Rent now	Wait for the form to be filled completely and t	Worked properly fro all fields	Failled	Low	-	Facing error in Credit card fields
TC007	Cross Browsing	Open our website on different browser	Working correctly on every browser	Working correctly	Passed	Medium	-	Works as expected

1. Test Case ID: TC001:

- **Test Case Description:** Validate car listing page
- **Test Steps:** Open All categories page> All Data fetched accurately
- **Expected Result:** Cars displayed correctly
- **Actual Result**: Cars displayed correctly
- **Status:** Passed
- **Severity Level:** High
- **Assigned To:**   -
- **Remarks:** No issues found
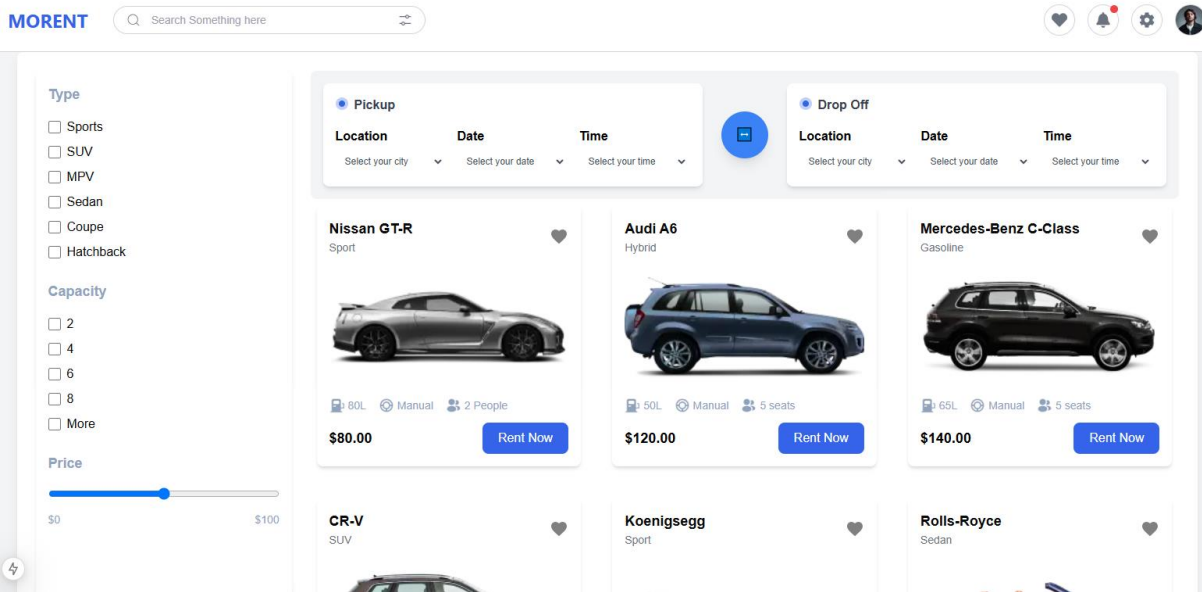
2. Test Case ID: TC002:

- **Test Case Description:** Test API error handling
- **Test Steps:** Disconnect API > Refresh page
- **Expected Result:** Show fallback UI with error message
- **Actual Result**: Error message shown
- **Status:** Passed
- **Severity Level:** Medium
- **Assigned To:** -
- **Remarks:** Handled Successfully.

3. Test Case ID: TC003:

- **Test Case Description:** Check Rent Now button functionality
- **Test Steps:** Click on Rent now button > Verify car content
- **Expected Result:** Show the content of selected car
- **Actual Result**: Content shown as expected
- **Status:** Passed
- **Severity Level:** High
- **Assigned To:** -
- **Remarks:** Works as expected
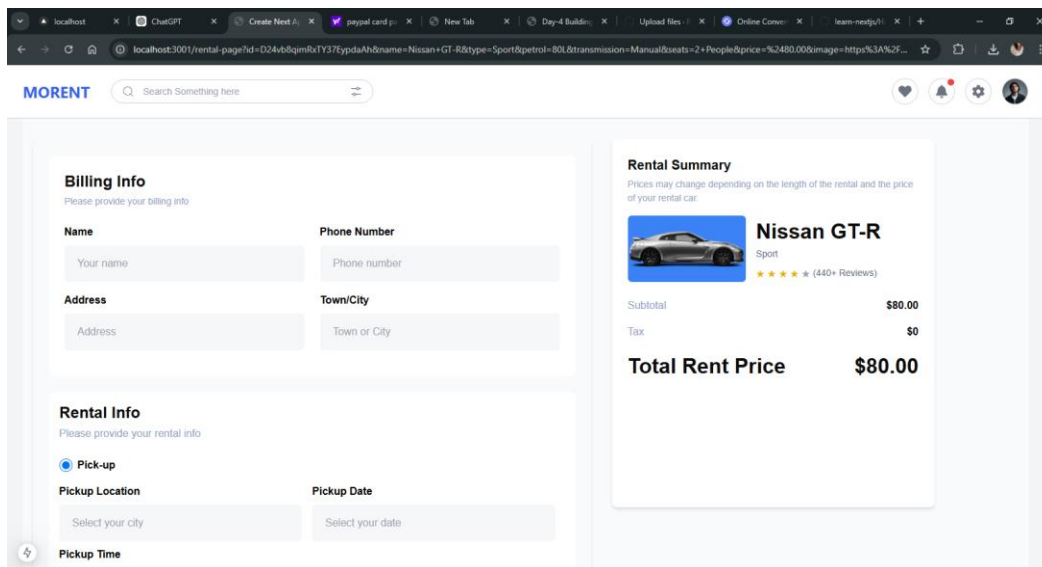
4. Test Case ID: TC004:

- **Test Case Description:** Ensure responsiveness on mobile
- **Test Steps:** Resize browser window > Check layout
- **Expected Result:** Layout adjusts properly to screen size
- **Actual Result**: Responsive layout working as intended but not work properly on one page
- **Status:** Passed
- **Severity Level:** Medium
- **Assigned To:** -
- **Remarks:** Test successful
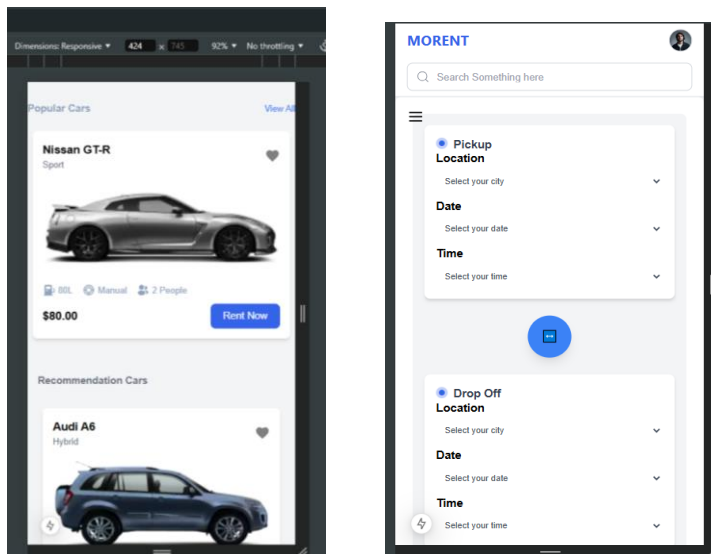
5. Test Case ID: TC005:

- **Test Case Description:** Validate search bar
- **Test Steps:** write car name> search for a car
- **Expected Result:** Show car's detail page and show no car available if searched call is not available.
- **Actual Result**: Shown detail's page and message as expected
- **Status:** Passed
- **Severity Level:** High
- **Assigned To:** -
- **Remarks:** No issues found
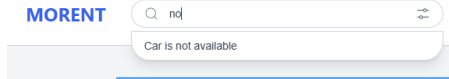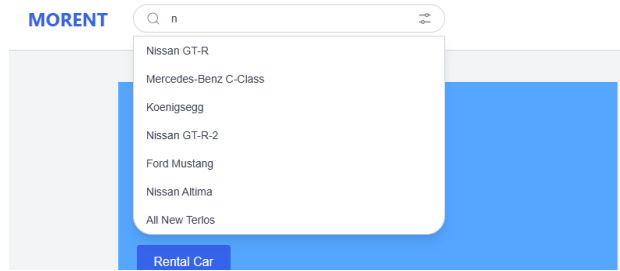
6. Test Case ID: TC006:

- **Test Case Description:** Validate dynamic details page
- **Test Steps:** Click on different car> Verify car's detail page
- **Expected Result:** Show the details of selected car
- **Actual Result**: Shown as expected
- **Status:** Passed
- **Severity Level:** High   **Assigned To:**   -
- **Remarks:** No issues found
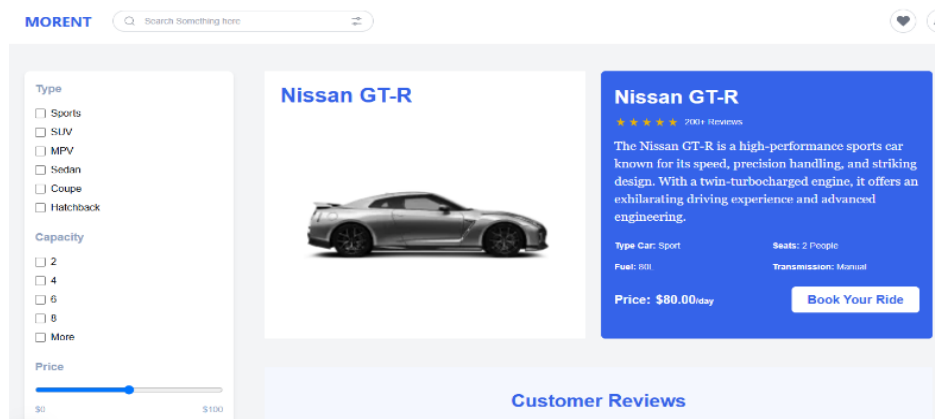
7. Test Case ID: TC007:

- **Test Case Description:** Validate checkout form
- **Test Steps:** Fill the form> wait to fill all the fields> Rent now
- **Expected Result:** Wait for the form to be filled completely and then enable Rent now button
- **Actual Result**: Worked properly for all fields except credit card option
- **Status:** Failed
- **Severity Level:** Low
- **Assigned To:**   -
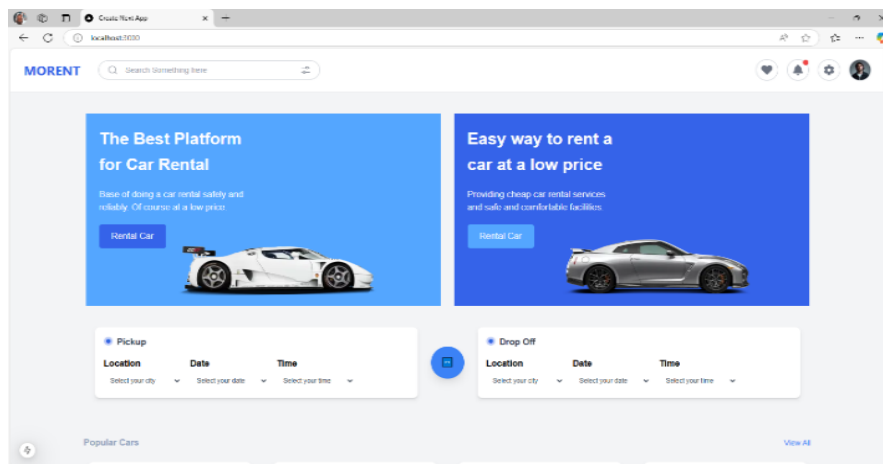- **Remarks:** Facing error in Credit card fields

8. Test Case ID: TC008:

- **Test Case Description:** Cross Browsing
- **Test Steps:** Open our website on different browser
- **Expected Result:** Working correctly on every browser
- **Actual Result**: Working correctly
- **Status:** Passes
- **Severity Level:** Medium
- **Assigned To:** -
- **Remarks:** Works as expected

Chrome
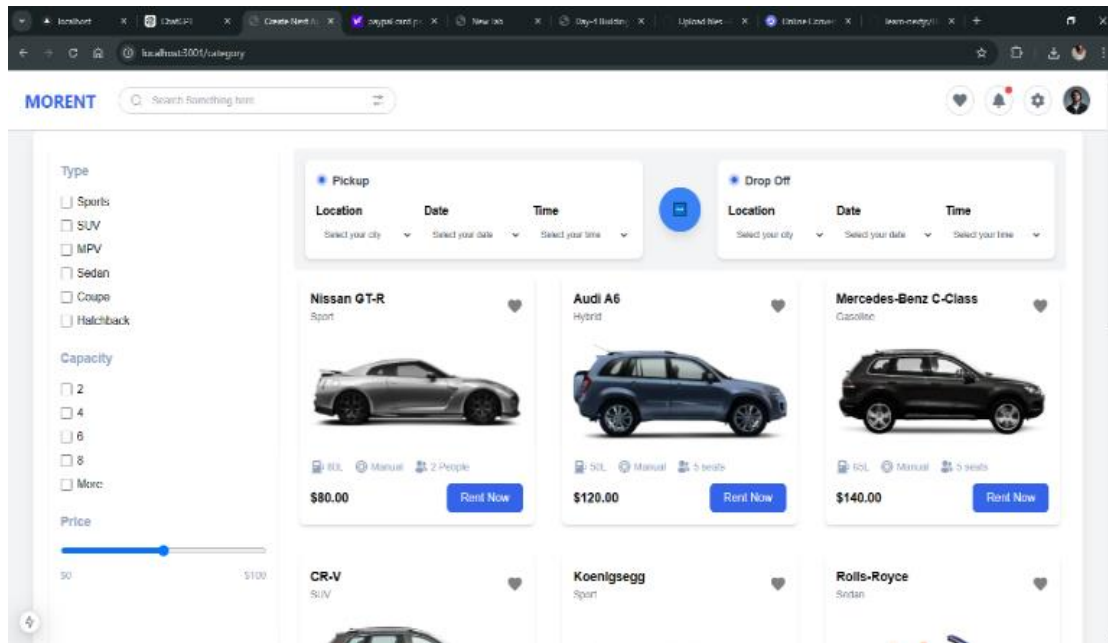
Edge:

Performance Optimization: