






## Project Development Phase Performance Test


Date	13 May 2023
Team ID	NM2023TMID19980
Project Name	Navigating the Complex world Of Auto Insurance: A Vehicle Cost Analysis For Better Decision Making

### Performance Testing:

Project team shall fill the following information in the performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Form Validation	Login form, registration form and all other forms validation	<p><b>Home Page</b></p>  <p><b>About Page</b></p>  <p><b>Register Page</b></p>  <p><b>Login Page</b></p>  <p><b>Car Image Input Page</b></p> 

2.	Project Flow	Redirections	<p>To accomplish this, we have to complete all the activities listed below,</p> <p>→Creating User Interface</p> <ul style="list-style-type: none"> <li>• Creating HTML pages with CSS and JS</li> </ul> <p>→Database Connection</p> <ul style="list-style-type: none"> <li>• Creating IBM DB2 service and table</li> </ul> <p>→Flask Application</p> <ul style="list-style-type: none"> <li>• Run the application</li> <li>• Fetching damaged part and showcasing in web browser</li> <li>• Rapid API</li> <li>• Creating login page functionality</li> <li>• Passing user details to IBM DB2</li> </ul>
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			<ul style="list-style-type: none"> <li>• Passing user details to IBM DB2</li> <li>• Render HTML pages</li> <li>• Connecting database with python</li> <li>• Initializing Flask</li> <li>• Import required libraries</li> </ul> <p>→ Containerizing (Docker) and Deploying application (Kubernetes Cluster)</p> <ul style="list-style-type: none"> <li>• Deploy the application</li> </ul>
3.	API Testing/Validation	Testing API	<h3>API Testing</h3> 
4.	Database Schema Validation	Validating inputs as per schema	<ul style="list-style-type: none"> <li>• Fetching user name, email and password from web page and passing those values to the register table which we have created in IBM DB with SQL</li> </ul>

