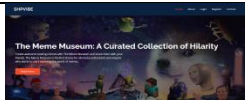
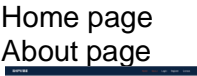


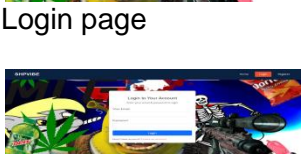



Project Development Phase Performance Test



Date	13 May 2023
Team ID	NM2023TMID19960
Project Name	THE MEME MUSEUM: A CURATED COLLECTION OF HILARITY

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>Home page</p>  <p>About page</p>  <p>Register page</p>  <p>Login page</p>  <p>Meme Input Page</p> 

2.	Project Flow	Redirections	<p>To accomplish this, we have to complete all the activities listed below,</p> <ul style="list-style-type: none"> • Creating User Interface <ul style="list-style-type: none"> ○ Creating HTML pages with CSS and JS • Database Connection <ul style="list-style-type: none"> ○ Creating IBM DB2 service and table • Flask Application <ul style="list-style-type: none"> ○ Run the application ○ Fetching memes and showcasing in web browser ○ Rapid API ○ Creating login page functionality ○ Passing user details to IBM DB2 ○ Render HTML pages ○ Connecting database with python ○ Initializing Flask ○ Import required libraries • Containerizing (Docker) and Deploying application (Kubernetes Cluster)
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3.	API Testing/Validation	Testing API	<div>API testing</div> 
4.	Database Schema Validation	Validating inputs as per schema	<p>Validate that the uploaded image file is in a supported format (e.g., JPEG, PNG). Validate the size of the uploaded image file to ensure it meets the maximum allowed file size.</p> 
5.	Application performance testing using online tool (GTmetrix)		<p>Test the loading and rendering performance of meme images in different formats (e.g., JPEG, PNG, GIF) and sizes. Assess how quickly the images load on different devices and internet speeds to ensure a smooth and seamless user experience</p>