**SELECTING WEB APPLICATION:**

Currently I am working banking project I unable to share the application details due to the security reasons. Because of that reason I am taking 3 different demo applications for this assignment. I shared the applications details below:

1. <https://petstore.octoperf.com/>
2. <https://adactinhotelapp.com/>
3. <http://127.0.0.1:1080/WebTours/>

Note: WebTours Application need a Proxy server for access.

**SELECTING PERFORMANCE TOOL:**

Choosing LoadRunner over JMeter, Gatling, and Locust depends on specific project requirements and organizational factors. Below reasons I might justify selecting LoadRunner:

1. Protocol Support: LoadRunner offers a wide range of protocol support, including web, mobile, database, and more. If your application relies on multiple protocols, LoadRunner can be a better choice.

2. Enterprise Readiness: LoadRunner is often preferred by large enterprises due to its comprehensive features, support, and scalability. It's suitable for complex and mission-critical applications.

3. Ease of Use: LoadRunner provides a user-friendly interface for creating and managing test scripts, making it accessible to testers with varying levels of technical expertise.

4. Reporting and Analysis: LoadRunner offers robust reporting and analysis capabilities, which can be essential for identifying performance bottlenecks and optimizing your application.

5. Vendor Support: LoadRunner is backed by Hewlett Packard Enterprise (HPE), providing reliable support and updates, which can be crucial for critical projects.

6. Scalability: LoadRunner can easily scale up to simulate thousands of virtual users, making it suitable for testing high-traffic applications.

7. Integration: LoadRunner integrates well with other HPE tools and third-party solutions, streamlining the testing process and enhancing overall efficiency.

However, it's essential to consider some potential downsides of LoadRunner, such as its cost and licensing model, which can be expensive for smaller organizations or projects.

I have more experience on LoadRunner this is the one more reason for choosing the LoadRunner. Additionally, If I have already proficient in JMeter, Gatling, or Locust, it might make more sense to stick with these tools to leverage existing expertise.