Interactive Game Kiosk POS Performance Testing

Our client hosts live interactive game and entertainment experiences. Included in their games are prizes, cash winnings, and grand-prize draws.

Industry	Location	Employees
Gaming	Vancouver, BC	<50

Highlights

- Load tested the applications to analyze the behaviour under different loads.

- Created test scripts in Soap UI tool for request and response scenarios from flowchart diagrams.

- Captured responses of AMF Requests and applied checkpoints to validate the response

The Need

The client had a complex project which involved application testing, validating and configuring different POS systems by integration kiosk IDs with each test case. This ensured that a request could be virtually fired from different POS Kiosks at the same time.

Key Challenges

- Load testing of applications to analyze the behaviour under different loads.
- Simulation of scenarios where AMF services of application were accessed at the same time by different users and captured failed responses.
- Creation of test scripts in Soap UI tool for request and response scenarios from flowchart diagrams.
- Identification of the methods which were called when requests were fired.
- Capturing responses of AMF Requests and applying checkpoints to validate the response.
- Parallel execution of test scripts created in Soap UI tool.

How Optimus Helped

The Optimus team quickly understood the requirements and created a plan consisting of various server side operations to be performed.

We created test scenarios using flowcharts and simulated for one, five and ten users in parallel.

Our team captured responses of AMF services and validated them.

We shared failed responses, response time metrics and test scripts with our clients daily.

The following process was followed:

1. Reviewed application requirements.
2. Identified test scenarios and methods.
3. Shared business requirements with client.
4. Created test scripts for different test scenarios in SOAP UI tool.
5. Executed test scenarios.

6. Captured response time for AMF services.
7. Shared consolidated test scripts and response time metrics.
8. Daily and weekly status update to Client.

The Result

The client's kiosk POS system was extensively tested and the client was provided with a list of failed responses and response time metrics.

About Optimus Information

Headquartered in Vancouver, Canada with delivery centers in Canada and India, we work as a trusted partner to medium and large businesses to solve their software and technology challenges. With a team of 150+ people Optimus Information provides global organizations with scalable, flexible and cost efficient solutions. **Optimus Information provides global reach with a local presence.**

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