

Lamphills Performance PR (pull request) Template

Summary Provide a concise description of the performance improvement introduced by this PR.

Description

- **What is the current performance issue?**
- Detail the current performance bottlenecks or issues.
- Include any relevant metrics or observations.

- **What changes are introduced in this PR?**
- Describe the specific changes made to address the performance issues.
- Explain why these changes should improve performance.

Performance Testing

- **Testing Methodology:**
- Describe how performance was tested.
- Include details about the testing environment (hardware, software versions, etc.).
- Mention any tools or benchmarks used for testing.

- **Results Before and After Changes:**
- Provide performance metrics before the changes (e.g., response times, memory usage, CPU usage).
- Provide performance metrics after the changes.
- Use tables, graphs, or charts to illustrate the improvements.

Metric	Before Change	After Change	Improvement (%)
Example Metric 1	xx ms	xx ms	xx%
Example Metric 2	xx MB	xx MB	xx%

Impact Analysis

- **Impact on End-users:**
- Explain how the performance improvements will affect end-users.
- Discuss any potential side effects or trade-offs
- **Impact on System Resources:**
- Describe any changes in resource usage (e.g., memory, CPU, network).



Code Changes

- **Files and Functions Modified:**
- List the files and functions that have been changed
- **Code Overview:**
- Provide