**Performance**: this is sales system; we must always ensure that customer service was not delayed. Intervals such as scan the point card, bar code scanning, displaying results... will be done in the shortest time possible to avoid the dissatisfy customer. Things that need attention are: increased client response time, reduced throughput, and server resource over utilization. Ensure that you structure the application in an appropriate way and deploy it onto a system or systems that provide sufficient resources.

Example of Performance Attribute: The response time of the sales operations must be fast

|  |  |
| --- | --- |
| Source | POS terminal |
| Stimulus | Users initiate 1,000 transactions per minute stochastically |
| Artifact | Process |
| Environment | Normal operation |
| Response | These transactions are processed |
| Response Measure | 3 seconds |

Availability

The temporary failure of the head office server, the POS terminal will be still working securely. The POST terminals can carry out the sales operation efficiently using locally stored data as much as possible.

|  |  |
| --- | --- |
| Source | POS terminal |
| Stimulus | Temporary failure of the head office server |
| Artifact | Process |
| Environment | Normal operation |
| Response | To be still working securely and carry out the sales operation efficiently using locally stored data. |
| Response Measure | As much as possible |

Usability

Security (mã hóa) xác thực, phân quyền