

# Final System Design Interview Checklist

## Pre-Conclusion Verification

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Use this checklist in the last 2-3 minutes before you conclude.

**1. PERFORMANCE**

- Specified latency targets for critical operations (\_\_\_ ms p99)
  - Identified throughput limits (\_\_\_ K RPS before bottleneck)
  - Named the bottleneck component: \_\_\_\_\_
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**2. RELIABILITY**

- Discussed at least 2 failure scenarios
  - Explained mitigation strategies
  - Specified graceful degradation behavior
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**3. SCALABILITY**

- Explained how system grows (horizontal/vertical)
  - Specified scale limits (works up to \_\_\_ users/requests)
  - Identified what changes beyond current scale
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**4. COST**

- Acknowledged infrastructure expenses
  - Justified costs with specific benefits
  - Mentioned at least one cost trade-off
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**5. OPERATIONS**

- Considered who maintains the system
  - Mentioned monitoring requirements
  - Addressed complexity (managed services vs self-managed)
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### Notes (optional)

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#### Final Question

"Is there anything else you'd like me to dive deeper into?"