

Architecture Requirements

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Git repository link:

[https://github.com/thinusn/
COS301MiniProjectArchitectureRequirements](https://github.com/thinusn/COS301MiniProjectArchitectureRequirements)

Date: 04 March 2015

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This document contains specifications of the software architecture requirements. This is the infrastructure upon which the application functionality will be developed. The following non-functional requirements are addressed in depth with supporting diagrams (when necessary):

- Access and Integration requirements.
- Architectural responsibilities.
- Quality requirements.
- Architecture constraints as specified by the client.

1 Access and integration requirements

1.1 Access channels

1.1.1 Human access channels

1.1.2 System access channels

1.2 Integration channels

2 Architectural responsibilities

3 Quality requirements

3.1 Scalability

3.2 Performance requirements

3.3 Maintainability

3.4 Reliability and Availability

3.5 Security

3.6 Monitorability and Auditability

3.7 Testability

3.8 Usability

3.9 Integrability

4 Architecture constraints