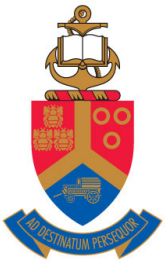

UNIVERSITEIT VAN PRETORIA
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COS301 Mini Project

Architectural Requirements Specification

Group 5a

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4 Architectural Requirements

4.1 Access channel and integration requirements

4.1.1 Access channels

Human access channels

System access channels

4.1.2 Integration Channels

4.2 Architectural responsibilities

- The System must be able to provide concurrent clients to read threads, post threads and update threads.
- The system should be able to store all threads and posts, as well as who posted, and whether a thread has been deleted.
- The system should provide an integration environment to allow for multiple deployment
- The system could allow for persistent data storage for easy 'Remember Me'
- Storage of archived thread

4.3 Quality requirements

4.3.1 Scalability

4.3.2 Performance requirements

4.3.3 Maintainabilty

4.3.4 Reliability and Availability

4.3.5 Security

4.3.6 Monitorability and Auditability

4.3.7 Testability

4.3.8 Usability

4.3.9 Integrability

4.4 Architecture constraints

Architecture constraints