



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

COS 301

DEPARTMENT OF COMPUTER SCIENCE

Main Project Architectural Requirements and Initial Architecture Design Functional Requirements

Group Members:

Student numbers:

Diana Obo

u13134885

Priscilla Madigoe

u13049128

Kudzai Muranga

u13278012

Sandile Khumalo

u12031748

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IMPAKD LINK

For further references see [gitHub](#). May 24, 2016

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1 Vision

2 Background

3 Software Architecture

3.1 Architecture requirements

3.1.1 Architectural scope

3.1.2 Quality requirements

3.1.3 Integration and access channel requirements

3.1.4 Architectural constraints

3.2 Architectural patterns or styles

3.3 Architectural tactics or strategies

3.4 Use of reference architectures and frameworks

3.5 Access and integration channels

3.6 Technologies

4 Functional requirements and application design

4.1 Use case prioritization

Critical:

- calculateROI
- getDefaultValues
- setDefaultValues

important:

- Register
- Login
- logout
- addProperty
- updateProperty
- deleteProperty
- displayGraphs
- displayStatistics

Nice-to-have:

- updateProfile
- generateReport

4.2 Use case/Services contracts

4.3 Required functionality

4.4 Process specifications

4.5 Domain Model

5 Open Issues