

UNIVERSITY OF PRETORIA

COS 301 - SOFTWARE ENGINEERING

THE SAVAGE RU'S

Software Requirements Specification and Technology Neutral Process Design

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1 Introduction

This is the software requirements specification for the vizARD Augmented Reality application being developed for EPI-USE Labs by The Savage Ru's.

2 Vision

3 Background

4 Architecture Requirements

4.1 Architectural Scope

4.2 Access Channel Requirements

4.3 Quality Requirements

4.3.1 Performance

4.3.2 Reliability

4.3.3 Scalability

4.3.4 Usability

4.3.5 Auditability

4.3.6 Security

4.4 Integration Requirements

4.5 Architecture Constraints

4.6 Use case prioritization

4.7 Use case/Services contracts

4.8 Required functionality

4.9 Process specifications

4.10 Domain Model

5 Software Architecture

5.1 Architectural Patterns or Styles

5.2 Architectural Tactics or Strategies

5.3 Use of Reference Architectures and Frameworks

5.3.1 Web 2.0 Reference Architecture

5.4 Access and Integration Channels

5.5 Technologies

6 Open Issues