

UNIVERSITY OF PRETORIA

COS 301 - SOFTWARE ENGINEERING

THE SAVAGE RU'S

vizARD Software Requirements

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1 Introduction

This is the Software Requirements specification document for the vizARD Augmented Reality mobile application.

2 Project Specifics

3 Application Features (Must-haves)

- OCR (Optical Character Recognition)
- Automatic graph selection
- Graph generation
- Augmented Reality mapping onto image
- Android Application
- Graph editing
- Take photos through camera

4 Goals and Objectives

5 Background and Strategic Fit

6 Assumptions

7 User Stories

8 User Interaction and Design

9 Questions

10 Nice-to-have Features

- Live AR mapping through camera
- Social media sharing
- Collection of previous graphs
- iOS application
- Upload image from gallery