Investigating the application of agile methodologies in the development of a social networking application implementing Spotify api and other technologies

by

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Abstract

**Investigating the application of agile methodologies in the development of a social networking application implementing Spotify API and other technologies.**

by Alicia Smith

Chairperson of the Supervisory Committee: Professor xxxx xxxxxx  
 Department of Engineering

A thesis presented on the use of agile methodologies and the development of a social networking application, implementing the Spotify API, Python, Android SDK, and Database technologies.

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# Glossary

Asteroid. A very small planet ranging from 1,000 km to less than one km in diameter. Asteroids are found commonly around other larger planets.

Atmosphere. The gaseous mass that surrounds any planet, including Earth.

Density. The number (as of particles) per unit of measure.

Galaxy. A system of stars independent from all other systems.

Moon. The natural satellite of any planet.

Orbit. The path taken by a satellite around a celestial body.

Planet. A large, nonluminous mass, usually with its own moons, which revolves around a star. Planets are found everywhere in the galaxy.

Solar. Having to do with the sun.

## Chapter 1

### Introduction

* Provide a brief context and rationale for the project. References are very important.
* Present your research question(s).
* ~500 Words

## Chapter 2

### Background Research

* Introduce the seminal work in the subject area of the project.
* Discuss current work in the domain of your project.
* Identify the problem/gap in the subject area that your project is going to
* address.
* Reference are extremely important in this section.
* ~1400 Words

## Chapter 3

### System Design

* Requirements
* Architecture
* Design
* Implementation

## Chapter 4

### Testing & Evaluation

(The total word count between Chapters 3 & 4 should be around 3500. How this the distributed between the chapters depends on your type of project. For example, if your project has quantitative results to discuss Chapter 4 will be longer than if your project is solely implementation based. You should discuss this with your supervisor.)

## Chapter 5

### Conclusions

* The chapter is key in demonstrating your understanding of what you’ve done.
* Provide a summary of the thesis.
* What are the implications of your project.
* Provide a set of recommendations.
* ~1500 Words

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