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COS301 MINI PROJECT FUNCTIONAL REQUIREMENTS SPECIFICATION

Group 2a

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1 History

| Date | Version | Description |
|------------|---------------|---------------------------------------------------|
| 17-02-2015 | Version 0.1 | Document Template Created |
| 17-02-2015 | Version 0.2 | UP Logo Added |
| 18-02-2015 | Version 0.2.1 | Intro, Purpose, Conventions and Description Added |

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2 Introduction

The Computer Science Education Didactic and Application Research (CSEDAR) from the university of Pretoria. Have approached us in building a software platform to create a collaborative community by means of an online discussion. To aid students to excel in problem solving as group. Such a tool already exists for students to use however this tool lacks certain functionality, Lecturer - Student interaction, often students are unaware of who is higher ranked in terms of the course (Teaching Assistant, Tutor, Lecturer & student).

2.1 Purpose

This document serves to present the clients requirements on a functional level by use of use-case diagrams, Domain models, pre- & post conditions as well as possible input-output pairs.

2.2 Document Conventions

A ranking system of importance is used for the functional requirements based on a 'star' system with

- **** - Critical
- *** - Important
- ** - Somewhat important
- * - Nice to have
- Not considered

2.3 Project Scope

Short overview with limitations and restrictions of the project.

2.4 References

Tutorial on Use case diagrams - http://www.tutorialspoint.com/uml/uml_use_case_diagram.htm

3 System Description

Buzz will be a complete software unit which is to be integrated seamlessly with existing web servers to be used by courses to encourage the use of online discussion. Users will be able to climb ranks up the online discussion forum and achieve more functionality as they progress. The system will also have certain functionality incorporated into awarding users marks if required so by the teaching staff. Teaching staff will also be able to archive and summarise threads. Users will also only be able to post in threads which pertain to them at that specific time, thus having a thread become 'Ancient' and hence archived no new information may be added to said thread.

4 Functional Requirements

4.1 System Features

List of requirements. (Bullets given to us)

4.2 Use Cases

We can Add all the details from MagicDraw here

4.3 Entity Relationship Diagrams

4.4 Data Dictionary

Description of entities.

5 External Interface Requirements

Requirements for user interfaces.

6 Technical Requirements

List of non-functional requirements.

7 Requirement Matrices

8 Open Issues

9 Glossary