



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
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DEPARTMENT OF COMPUTER SCIENCE

COS 301 - SOFTWARE ENGINEERING

COS 301 - Mini Project

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February 26, 2015

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SIGNATURES: _____ DATE: _____

SOFTWARE REQUIREMENTS SPECIFICATION AND TECHNOLOGY NEUTRAL PROCESS DESIGN

BUZZ SPACE DISCUSSIONS/MINI PROJECT

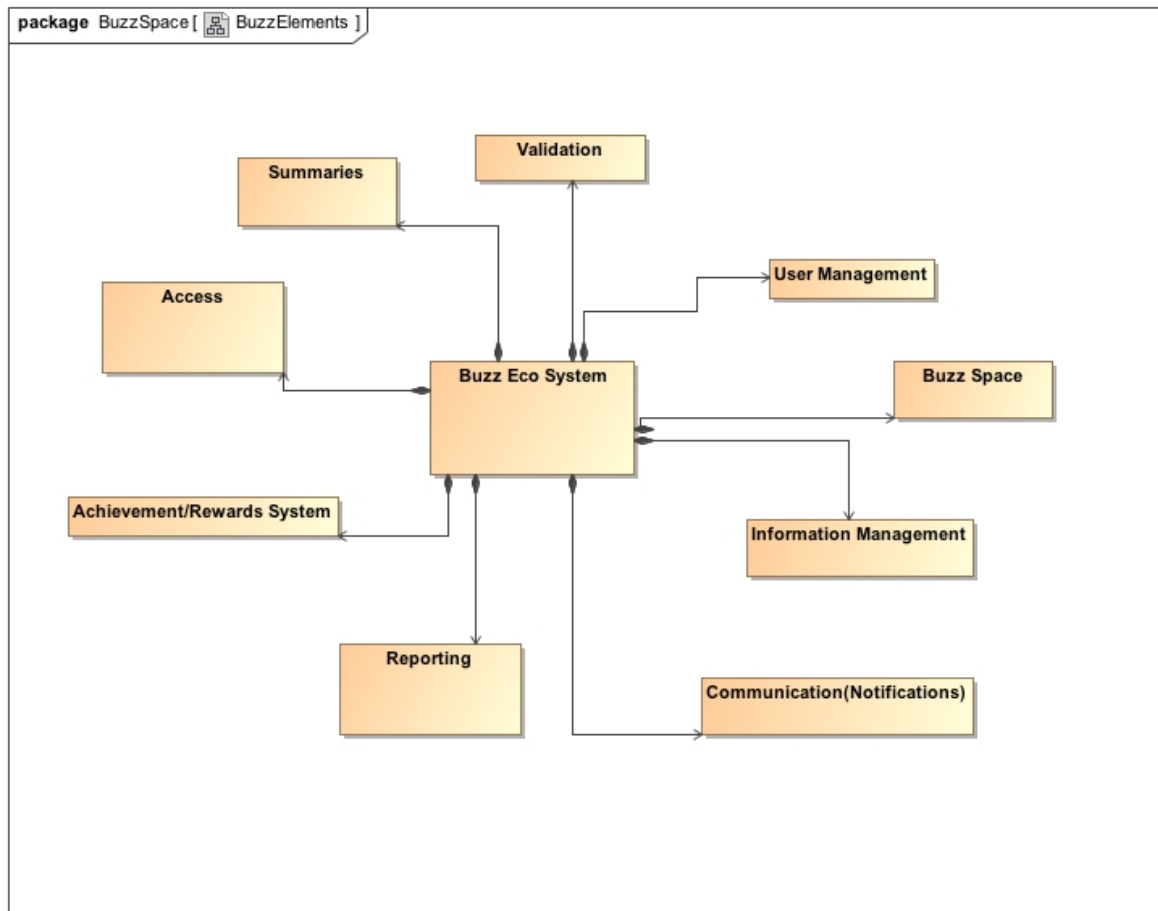
Version: Version 0.2 Alpha For further references see [gitHub](#). February 26, 2015

Contents

1	Functional requirements	4
1.1	Introduction	4
1.2	Use case prioritiation	5
1.3	Use case/Service contracts	5
1.4	Required functionality	6
1.5	Process specification	8
1.6	Domain Model	8

For further references see [gitHub](#).

1 Functional requirements



1.1 Introduction

We use this document to give a high level overview of the buzz discussion board. We have identified the various components. Our purpose is to create a dynamic and scalable solution. We also want to include an achievement system that rewards users for using the discussion board. This document will inform you on how we will achieve a system that is both scalable and pluggable. We have identified the use cases of the various components of the discussion board.

1.2 Use case prioritiation

Critical

- BuzzSpace
- CRUD OWN posts(Creating,Reading; Updating; Deleting).
- System Access
- Information Management

Important

- User Management
- Communication(Notifications)
- Reporting

Nice-To-Have

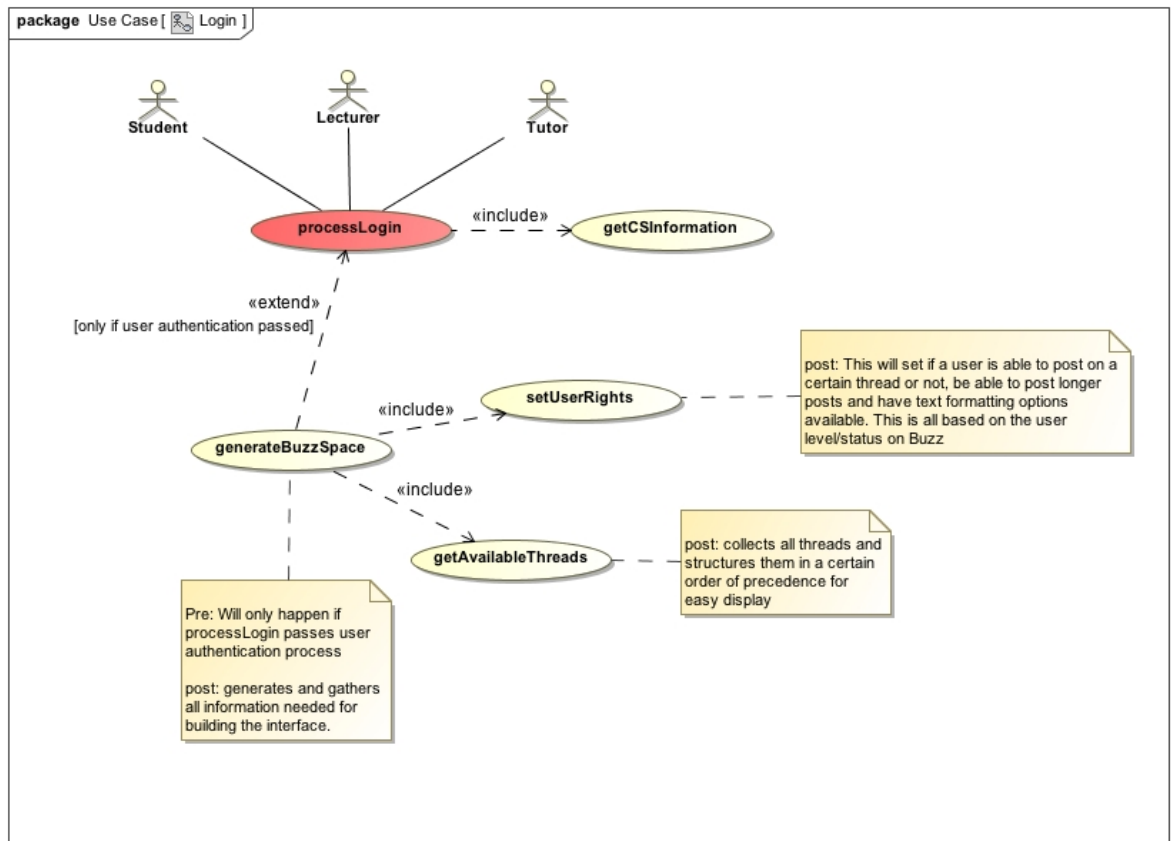
- Achievement/Rewards System
- Reporting
- Summaries

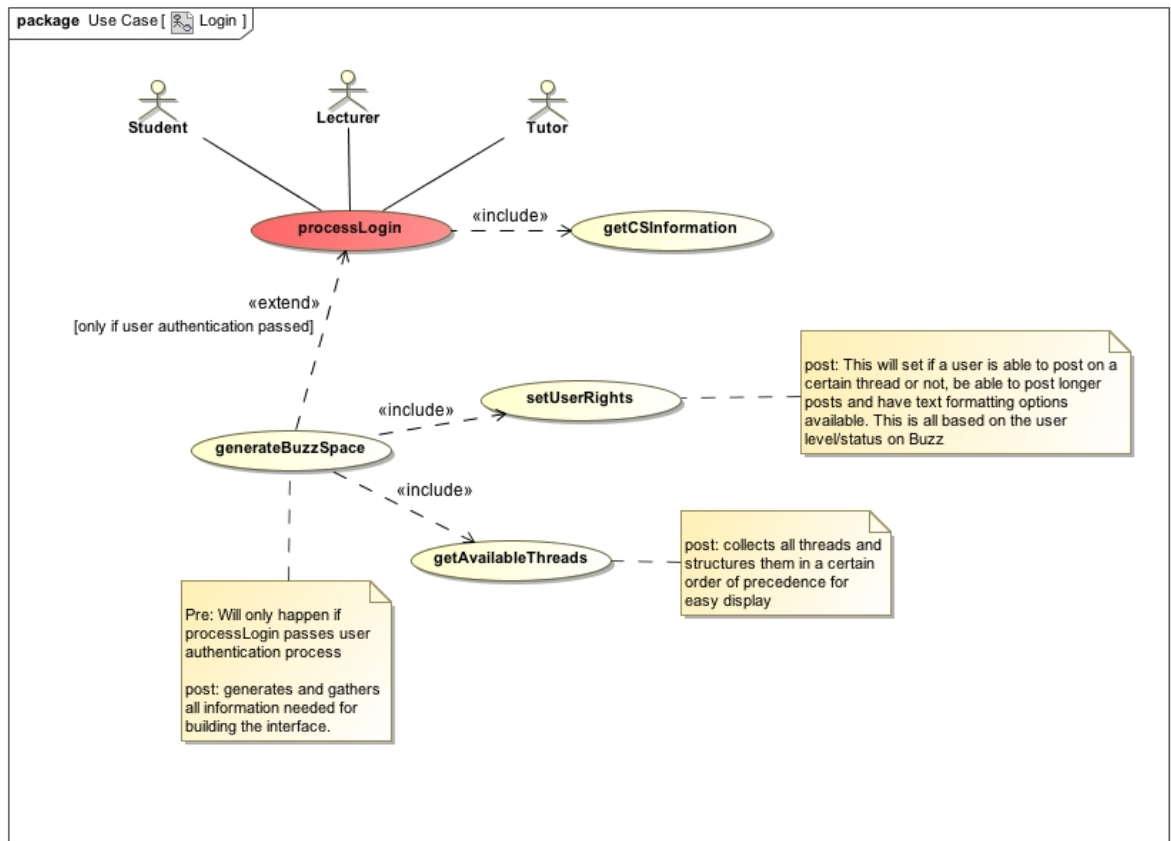
1.3 Use case/Service contracts

Use Case	Pre Condition	Post Condition	Description
BuzzSpace	There must be a valid user	User must still exist	
Information Management			
Communication			
Summaries			
Achievement Rewards System			
Summaries			
Access			
Summaries			
Validation			
User Manage-ment			

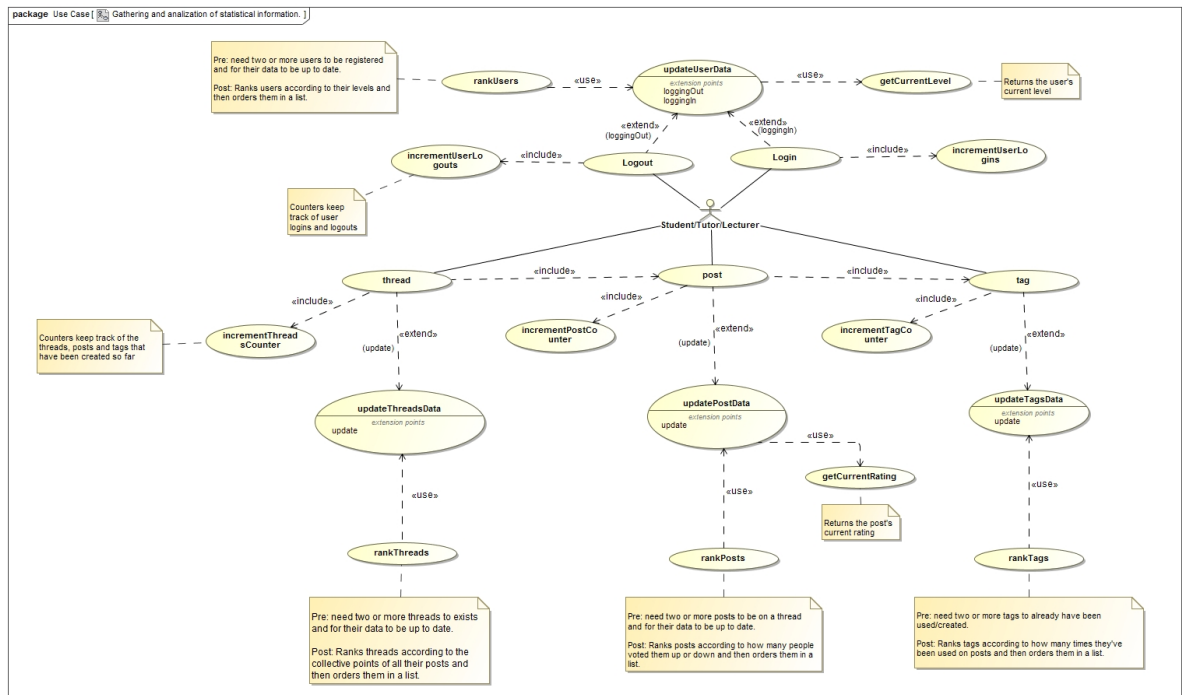
1.4 Required functionality

- BuzzSpace





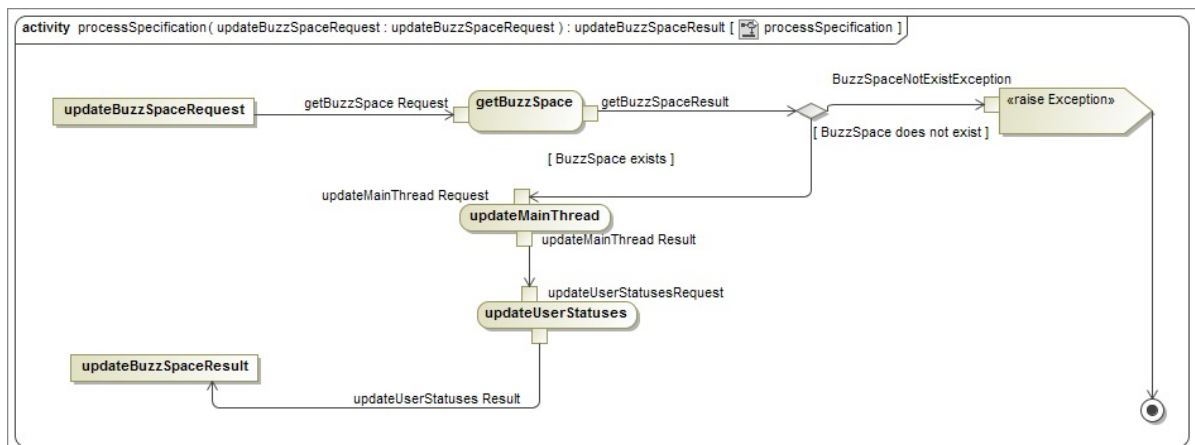
- Information Management



1.5 Process specification

We want to show various important process specification of our recommendation.

- CreateBuzzSpace



1.6 Domain Model