

FUNCTIONAL REQUIREMENTS SPECIFICATION

FOR

Buzz System

Mini Project Phase 1
GitHub

https://github.com/RenaldoV/COS301_Group5_a

Khathutshelo Matidza 11072157	Renaldo van Dyk 12204359
Andreas du Preez 12207871	Sean Hill 12221458
Kgomotso Sito 12243273	Hlavutelo Maluleke 12318109
Sboniso Masilela 10416260	Semaka Malapane 13081129

Contents

1	Introduction	4
2	Use case prioritization	5
2.1	Critical	5
2.2	Important	5
2.3	Nice-To-Have	5
3	Use case/Services contracts	6
3.1	Pre-Conditions	6
3.2	Post-Conditions	6
3.3	Request and Results Data Structures	7
4	Required functionality	8
5	Process specifications	9
6	Domain Model	12

1 Introduction

This document discusses the application functionality required by users (and other stakeholders).

2 Use case prioritization

2.1 Critical

- 1.1 Delete
- 1.2 Read
- 1.3 Create
- 1.4 Update

2.2 Important

- 1.1.1 Archive post

2.3 Nice-To-Have

3 Use case/Services contracts

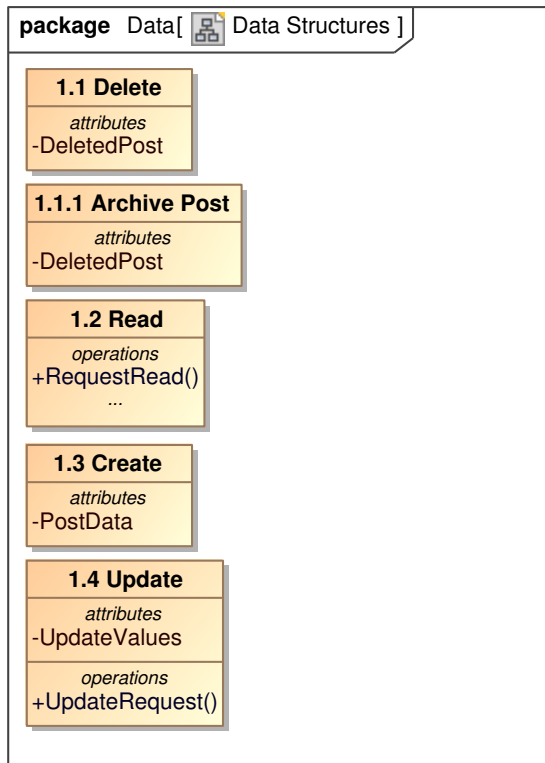
3.1 Pre-Conditions

- 1.1 a) Post must be in database
- 1.1 b) Post must be read from database before it can be deleted
- 1.1 c) User must be logged in to the system to delete a post
- 1.1.1 a) Post must be deleted before it can be archived
- 1.2 a) Post must exist in database
- 1.2 b) User must be logged into the system to read values from database
- 1.3 a) User must be logged into the system to create posts to in database
- 1.4 a) User must be logged into the system to update the database
- 1.4 b) Before the database can be updated values must be changed

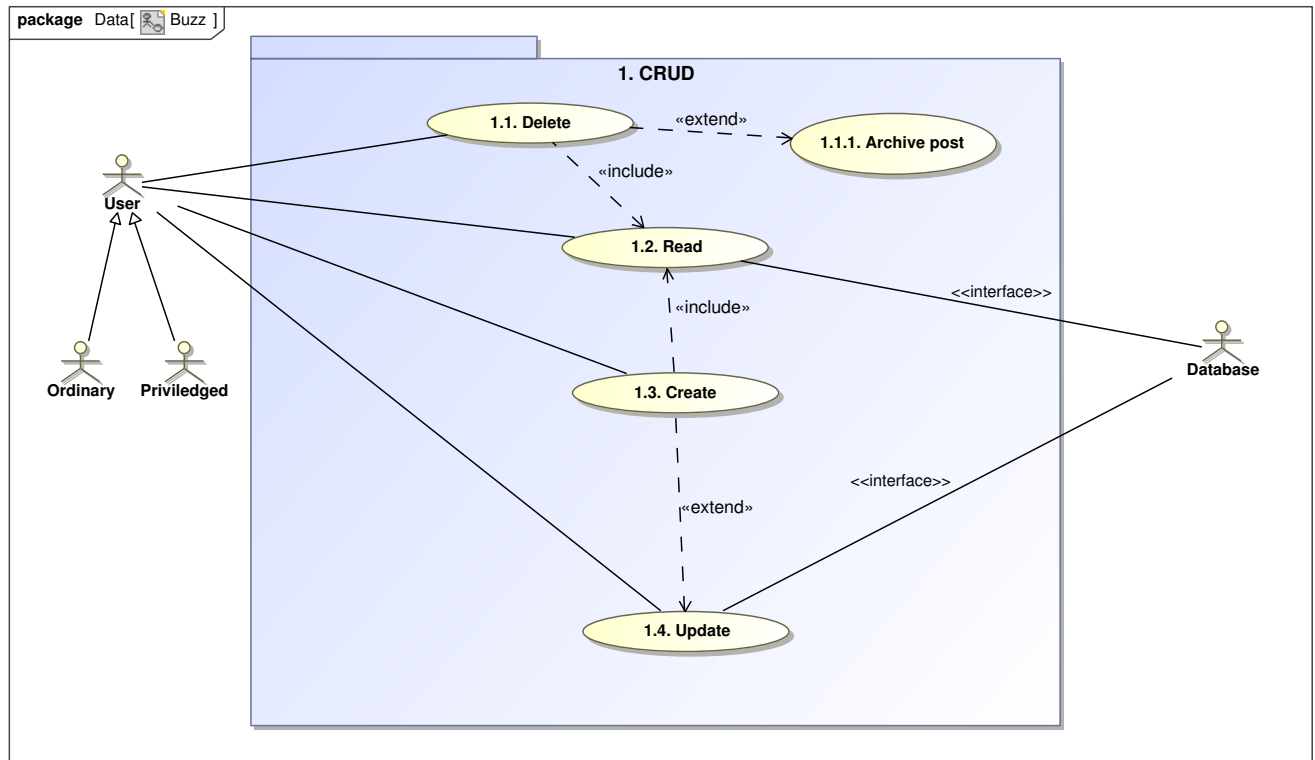
3.2 Post-Conditions

- 1.1 a) Post will not exist in database
- 1.1 b) Post will not be visible to users
- 1.1.1 a) Post and log data will reside in an archive
- 1.3 a) Update request will be called on the new data
- 1.3 b) Post will be visible to users who are logged into the system
- 1.4 a) Post data will be inserted into database
- 1.4 b) Post will exist in database


3.3 Request and Results Data Structures

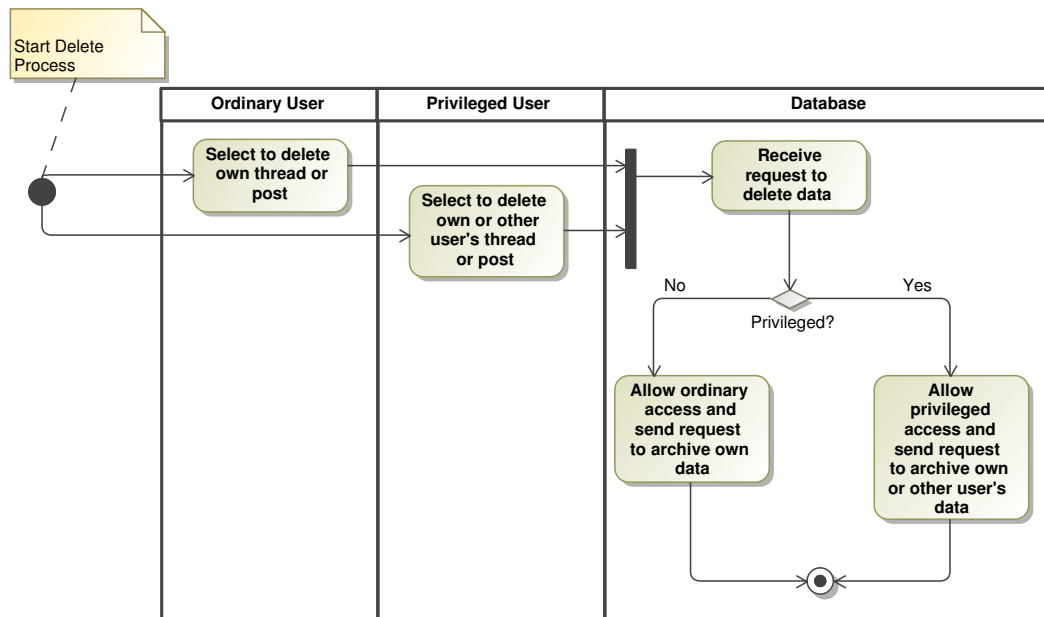



4 Required functionality

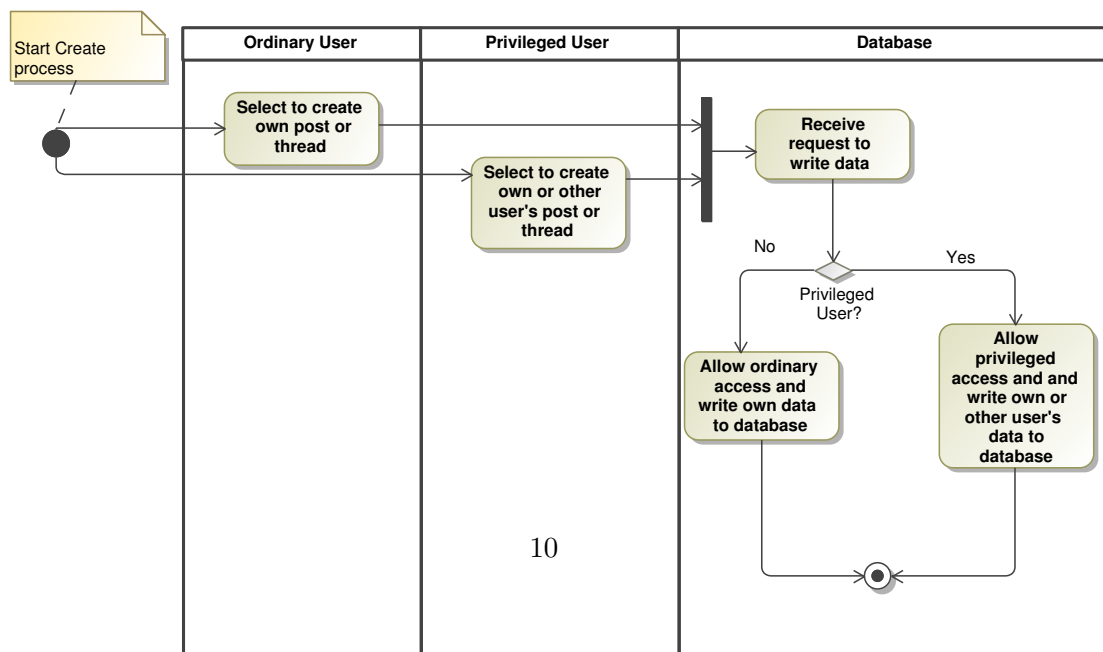


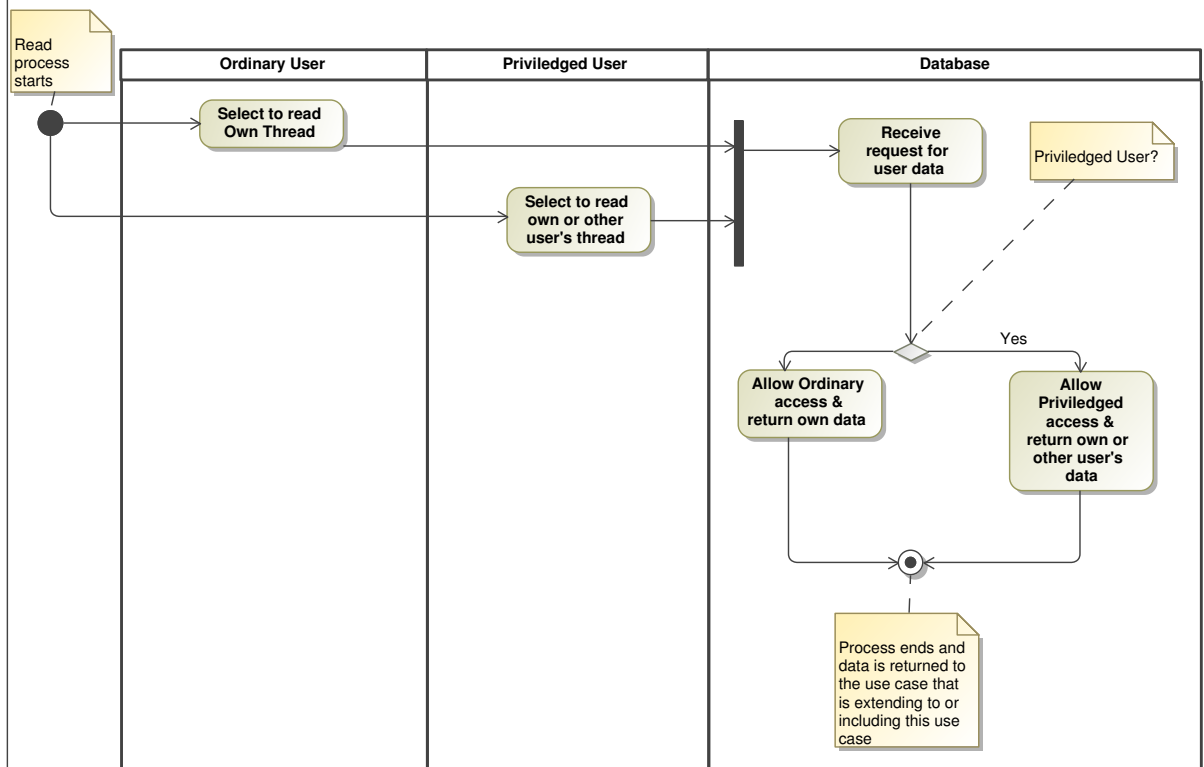
5 Process specifications

activity Process specification 1.1 [ Process specification 1.1]



activity Process Specification 1.3 [ Process Specification 1.3]





6 Domain Model

