Software Requirements Specification

for

Cuse Alumni Groves

Version 1

Prepared by Group 19

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Name	Date	Reason For Changes	Version
Team Wac	3/9/2023	Initial Revision	--
Team Wac	3/21/2023	Added acronym list Added use case diagram and activity diagram Update System Block Diagram	01

1 Introduction

1.1 Purpose

This Software Requirements Specification (SRS) is intended to delineate software requirements for the customer’s gas pump system. This SRS is intended to guide the system's developers to implement the required functionality, as well as the test team to develop appropriate Verification and Validation (V&V) plans and procedures required to demonstrate to the customer that the system was built to this specification.

1.2 Scope

This document specifies the requirements for the following capabilities:

1. User registration and authentication
2. Alumni-student networking features
3. Profile management and customization options
4. Feed page with updates, discussions, and job postings
5. Chat functionality (future scope)

1.3 Definitions

Table 1 Acronyms and Definition

BDD: Block Definition Diagram.
SRS: Software Requirements Specification.
UML: Unified Modeling Language.
V&V: Verification and Validation.

1.4 References

1. IEEE Std 830-1998 - IEEE Recommended Practice for Software Requirements Specifications - Revision of IEEE Std 830-1993

1.5 Overview

This document follows the recommended format specified in IEEE Std 830-1998 IEEE Recommended Practice for Software Specifications. For Section 3, the specific template A.5 for organizing information by feature is followed.

2 Overall Description

2.1 Product Perspective

The Cuse Alumni Groves platform is designed to facilitate communication and collaboration within the Syracuse University community. It offers features for alumni and current students to connect, share insights, and explore opportunities. The platform can be accessed via web browsers or mobile applications, providing a seamless experience across devices. Figure 1 System Block Diagram illustrates the platform's overview, utilizing a Unified Modeling Language (UML) Block Definition Diagram (BDD).

This platform operates as a standalone system but can be integrated with existing university systems for enhanced functionality and data sharing. It is a centralized hub for Syracuse University members to engage, network, and support each other in their academic and professional endeavors.

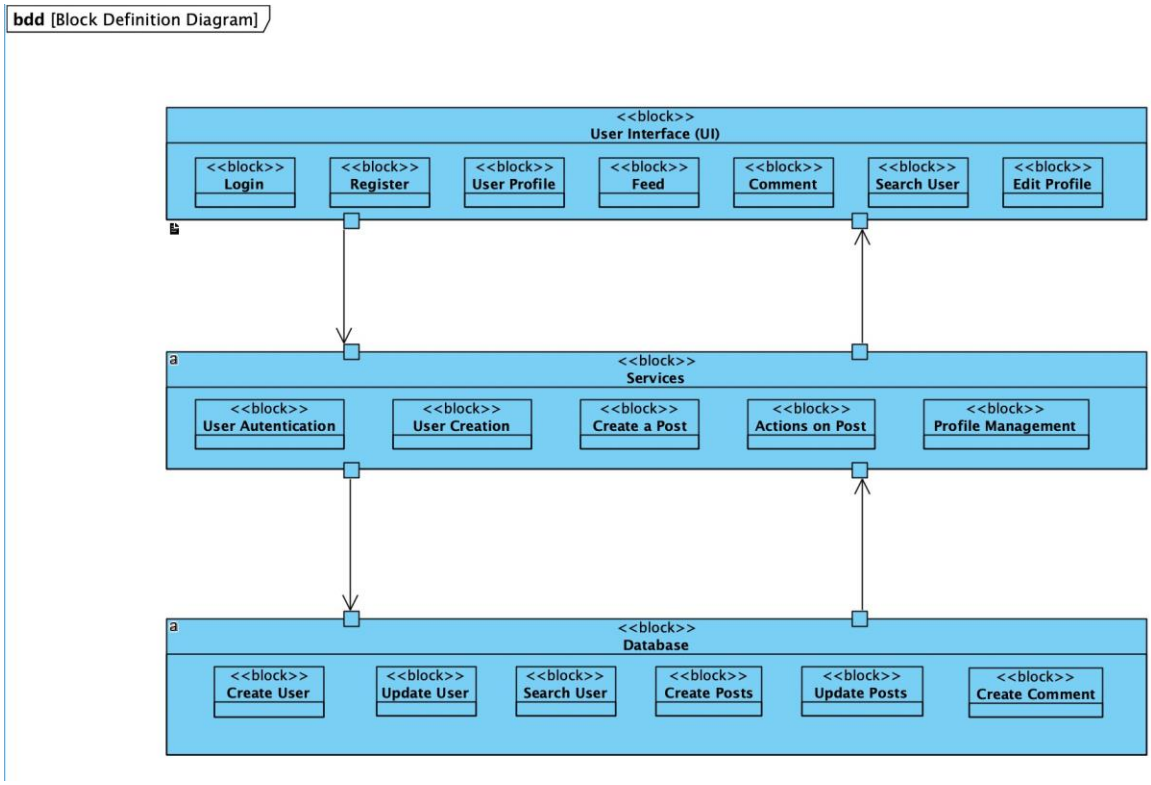

Figure 1 System Block Diagram