Software Requirements Specification (SRS)

Project: **Lab Activity 14**

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Group Number: **4**

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Version Description

Version	Description	Date
1.0	Initial SRS for Snapshot 1. Includes introduction, external interface requirements, legal and ethical considerations, and glossary.	December 5, 2025

1 Introduction

1.1 Purpose of the Document

The purpose of this Software Requirements Specification (SRS) is to describe all functional and non-functional requirements for the *Lab Activity 14* system. It establishes what the software will do, how users will interact with it, and the constraints it must follow.

1.2 Intended Audience

This document is intended for:

- Stakeholders and students reviewing system expectations.

- Developers implementing system features.

- Instructors evaluating project completeness.

1.3 Overview of the Software

The **Lab Activity 14** software represents an academic exercise focused on generating professional documentation using LaTeX. It outlines requirements and design elements of a simple structured system used in software engineering courses.

2 External Interface Requirements

2.1 User Interface

- The system provides a simple, easy-to-navigate interface.

- Users can select actions and navigate through menus.

- Clear prompts and forms enable user input.

2.2 Software Interfaces

- The system may connect to a database for storing data.

- APIs can be used for authentication or external services.

- Data is exchanged in common formats such as JSON or form data.

3 Legal and Ethical Considerations

3.1 Data Storage and Privacy

- Minimal user data is collected.

- Sensitive information is protected using standard security practices.

- User access is restricted where necessary.

3.2 Legal and Ethical Issues

- Users must be informed about what information is used or stored.

- Systems must comply with general data ethics and privacy expectations.

- Unauthorized data use or sharing is prohibited.

4 Glossary

Acronym	Definition
UI	User Interface
API	Application Programming Interface
DB	Database
SRS	Software Requirements Specification
SDD	Software Design Document