Assignment 4

Software Requirements Specifications
FOR

University Department Information System

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3. Requirements Specification

1. Introduction

1.1 Purpose

This Software Requirements Specifications document is intended to describe the software requirements of the University Department Information System (UDIS). It explains the features and constraints of the system.

1.2 Document Convention

1.3 Scope

- The UDIS software is meant to manage the information database of a university department.
- It allows the user to store, modify and display the student and course lists, inventory, research information, publication details, and cashbook of a department.
- This software is intended to be used by the department secretary alone.

1.4 Definitions

1.4.1

1.5 References

- ### IEEE standard for the SRS template

  830-1984 — IEEE Guide to Software Requirements Specifications. 1984.
- ### Class slides

1.6 Overview

- Part 2 of this SRS, the General Description section, gives a brief overview of the functionality of the product.

● Part 3, the Requirements Specification section, is written primarily for the developers and describes in technical terms the details of the functionality of the product.

1.7 Glossary

Term	Definition
UDIS	Abbreviation for University Department Information System
Course	A series of lectures in a particular subject leading to examination and/or qualification.
Student	A person who pursues one or more courses in the department.
Grade	A particular level of quality, level or value a student recieves for a particular course.
Inventory	A list of property or goods.
Item	neAn individual article or unit , which is a member of the inventory.
Transaction	An instance of spending/receiving money , extending to details of research work ongoing in the department.
Database	A structured set of data which may be accessible in ways more than one.

2. General Description

2.1 System Environment

The system is accessed by one user i.e. the department secretary through a login page. Any changes or queries to the databases are done through the secretary. The UDIS consists of storing, viewing information and modifying them when requested.

2.2 Product Perspective

The UDIS is a product used by a department to manage its information database.