**University Catalog Management System Version 2.0**

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## Introduction

This chapter introduces the University Catalog Management System version 2.0 including what its purpose is, and what can be solved using it. In addition, this chapter defines the scope for the system, and the different terms (acronyms and abbreviations) that will be used throughout the different document that will be done for the project. Finally, a brief overview for the system is provided.

## Problem Definition

## Scope of the System

## Definitions, Acronyms, and Abbreviations

## Definitions

* Catalog : Complete list of items ordered systematically.

## Acronyms

* UCMS : University Catalog Management System
* V2.0 : Version 2.0
* SQL : Structured Query Language
* PHP : Hypertext Pre-Processor
* JS : JavaScript
* GUI : Graphical User Interface
* HTML : Hyper Text Markup Language
* CSS : Cascading Style Sheet

## Abbreviations

* Db : Database
* Admin : Administration

## Overview of the System – brief explanation of what to expect in chapters 2 through 6

## Current System (Limitation and Problems) – either existing system or manual system that is being automated

## Project Plan

**the bullets represent the sections before chapter 1 “Introduction”, numbers on the left represent the corresponding chapters and sections.**

* Cover page – Name of course and section, name of system, project team number, group member names, date, and name of professor.
* Copyright and trademark notices, restrictions on copying or distributing the documentation, information for contacting the issuing organization (reader’s comments), warranties, contractual obligations or disclaimers, and general warnings and cautions.
* Abstract – one or two paragraphs giving a brief overview of the document.
* Table of Contents

1. Introduction

Introduce the introduction (one or two paragraphs)

* 1. Problem Definition.
  2. Scope of system.
  3. Terminology - Definitions, acronyms, and abbreviations.
  4. Overview of document – brief explanation of what to expect in chapters 2 through 6.

1. Current System (limitations and problems) – either existing system or manual system that is being automated.
2. Project Plan (**This deliverable only**)

Introduce the project plan section (one or two paragraphs)

* 1. Project organization – assignment of roles for this deliverable.
  2. Work breakdown – identification of milestones and deliverables (refer to project schedule in Appendix A and the diary in appendix B).
  3. Cost Estimate – cost to develop the software system.

1. Proposed System Requirements

Introduce the chapter (one or two paragraphs)

* 1. Functional Requirements – describes high-level functionality

Use the following format:

*The system shall …*

For each functional requirement state the associated non-functional requirements, if any, for *Usability, Reliability, Performance,* and *Supportability*.

* 1. Analysis of System Requirements

Analysis models – contains the complete functional specification and is mainly for the designers and programmers. This section describes the diagrams in the Appendices B - D and validates the models against the use cases.

* + 1. Scenarios
    2. Use case model
    3. Static model e.g., object diagrams, class diagram
    4. Dynamic model e.g., sequence diagrams or state machines

1. Glossary - define terms used in document, especially domain specific terms.
2. Appendix
   1. Appendix A - Complete use cases
   2. Appendix B - Use case diagram using UML
   3. Appendix C - Static UML diagram
   4. Appendix D - Dynamic UML diagrams
   5. Appendix E - User Interface designs.
   6. Appendix F - Diary of meeting and tasks.
3. References

***Please email me the UML diagram in one file before the presentation.***