**Software Requirement Specification (SRS) Document Format for 3rd Semester**

Guidelines for preparing the Project Dissertation This document lists the contents required for the SRS report done as part of the MCA Curriculum. Section names have been listed with description. The descriptions have been provided in italics.

**Important:** This page and the text in italics present throughout this document are to give you guidance. Please do not include them in your project report.

Table of Contents Please use the MS Word Table of content feature for this and not a manual TOC. Go to References > Table of Contents

1. Introduction

2. Problem Statement

*This should describe the problem and the solution given by your project in brief. Limit the description to 1 page.*

3. Scope and Relevance of the Project

*Mention in brief the system proposed to meet the objective. Mention clearly if any part of the work is not in your scope – e.g. installation, or some data migration required for implementation of this system, integration with some other system etc.*

4. Objectives

*Describe the business benefits expected from this project.*

5. System Analysis

Introduction

6. Existing System

7. Limitations of Existing System

8. Proposed System

9. Advantages of proposed System

10. Feasibility Study

Technical Feasibility

*The technical feasibility assessment is focused on gaining an understanding of the present technical resources of the organization and their applicability to the expected needs of the proposed system. It is an evaluation of the hardware and software and how it meets the needs of the proposed system.*

Operational Feasibility

*The operational feasibility assessment focuses on the degree to which the proposed development project fits in with the existing business environment and objectives*

Economic Feasibility

*The economic Feasibility assessment focuses on the cost of the project and its benefits.*

11. Software Engineering Paradigm Applied

*Mention which process model you chose to develop this project and the justification for it. (Hint: waterfall,Incremental , iterative model,spiral).*

12. System Environment

*Identify and list the technology and tools planned to be used in the development of the project – IDEs,compilers, UML tool, etc.*

➢ Introduction

➢ Software Requirements Specification

➢ Hardware Requirements Specification

➢ Tools, Platforms

Front End Tool

Back End Tool

Operating System

13. User characteristics

*Mention the different types of users or user groups of the proposed system and any special training needs they have in order to use this system.*

14. Summary of system features/Functional requirements

*List the features identified to be part of this system in order to satisfy this goal. Can use flowcharts for functional requirements.*

14.1 <Functional Requirement 1: >

Introduction

Inputs :

Processing :

Outputs :

14.2 <Functional Requirement 2:>

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14.n <Functional Requirement n:>

**During the preparation of the SRS document, following must be strictly followed:**

**Header :**

**Top Left Corner:** contains the Project Title

**Top Right Corner:** SRS

**Footer :**

**Bottom Left Corner:** contains “UCC- MCA”

**Bottom Right Corner:** Page number

**Preparation of Sections:**

**Section Headings:** Times New Roman/ Century SchoolBook L 14 pts, bold, UPPER CASE

**Subsection Headings:** Times New Roman/ Century SchoolBook L 12 pts, bold, Title Case

**Regular Text:** Times New Roman/ Century SchoolBook L 12 pts, normal

If your document contains figures, tables or charts label them with name and number.

eg: Figure 1: Architecture of the proposed system