**FINAL REQUIREMENT IN APPLICATION DEVELOPMENT AND EMERGING TECHNOLOGIES**

**General Instructions:**

Present the roadmap of your proposed project by creating a comprehensive Software Requirements Specification Document.

Your SRS should contain the following:

**TITLE**

1. **INTRODUCTION**

**Background of the Client:** This includes a relevant description of your client, regardless of whether your client is a specific organization/institution or the general public. The diagram of the existing Business Process Model should be described here.

**Purpose of the Project:** This section is similar to a concept paper. It includes a clear description of what your proposed system is all about and what problems are to be solved; the scope of the system in terms of the operations or transactions it covers; who are the target users; and the value it offers to the clients and other stakeholders. In general, it should provide details on how it could help enhance the existing system. The diagram of the proposed Business Process Model should be described here.

**Overview of the Project:** This section describes how the system will work by discussing its significant features. Features descriptions should include how they will address the users’ needs. Major features should have a descriptive prototype (wireframe) to be found in the appendix section.

**Document Convention.** This includes the operational definition of terms that must be described in the context of your proposal.

1. **TECHNICAL DESCRIPTIONS**

**Product Perspective:** This contains the list of all data that will be collected and stored in the system’s database. Each list must be described in terms of its attributes; for example, collecting students’ data may include students' identification number, course, gender, etc.

**User class and characteristics:** This section includes the Class Diagram with detailed descriptions of their relationships or associations.

**Use Case Diagram:** This includes the Use Case Diagram with a complete description of each user regarding what they could access and perform in the system.

**Sequence Diagram:** This section includes the Sequence Diagram with a complete description of the process performed by each object.

**Other Diagrams:** Include here other diagrams relevant to your proposal.

1. **PROJECT REQUIREMENTS**

**Functional Requirements:** Enumerate and describe all functional requirements here.

**Non-Functional Requirements:** Enumerate and describe all non-functional requirements here.

**Hardware and Software Requirements:** This section include the list of all hardware and software necessary for the (a) development and (b) deployment of the system.

**Security Requirements:** This section includes the physical and non-physical requirements for the system implementation.

1. **APPENDICES**

**System Prototype:** This section contains screenshots of your system’s prototype. The presentation should be in a sequential manner. Each image should have a relevant description.

**References:** This includes the list of all references/sources you’ve used in the completion of this SRS. The list should be in APA format.

**Group Pictures:** Attach photos showing the collaboration and teamwork of your group for the success of this project.

**Documentation Guidelines**

Use 8.5" x 13 bond paper with a one-inch margin at all sides. The first page should be a standard front page with the school logo, subject code & description, title of the proposed system, semestral period and school year, Professor's name, member's name, and date of submission

Use Arial font, size 12, with 1.15 spacing.

Indicate the page number similar to this document.

Write the Project Title at the right-side header of the document.

**Scoring Rubrics for Documentation**

|  |  |
| --- | --- |
| **Parameters** | **Weight** |
| The introduction convinced the readers that the project was worthy of investment. | 20 |
| The technical descriptions are good enough to understand the technicalities of the project. | 30 |
| All requirements significant for the successful development and implementation of the project are clearly stated. | 20 |
| The prototype provides a clear description and representation of the system. | 20 |
| The document adheres to standard formatting. | 10 |
| **Total** | **100** |

**Scoring Rubrics for Presentation**

|  |  |
| --- | --- |
| **Parameters** | **Weight** |
| The content of the presentation material is complete and well organized. | 25 |
| The presentation of the prototype is reflective of the actual system. | 25 |
| Presentation material reflects creativity. | 15 |
| The presenter shows confidence and knowledge about the topic | 15 |
| Questions were addressed promptly and correctly | 20 |
| **Total** | **100** |

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| **Title:** |
| **Team Members** (Surname first in alphabetical order) |
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