**SRS(TEMPLATE)**

1. Introduction
   1. Document Purpose

* Describe the purpose of SRS document
  1. Project Objectives
* Describe the objectives of the system
  1. Intended Audience and Document Overview
* Describe who are the people that are going to read the SRS document (readers of the document) and which part of the document may be they are interested in.
  1. Definitions, Acronyms and Abbreviations

NFR, SRS, MRI,

* 1. Document Conventions
* Describe some terminologies which readers may be unfamiliar with (if too many, you can put as appendix)
* Criteria: ...
* Evidence: ...
* Findings: ...
* Conclusion: ...
* Client: ...
* Auditee: ...
* Auditor:
  1. References and Acknowledgements

1. Overall Description
   1. Product Overview

* Brief description of the proposed system (from assignment part 1)
  1. Product Scope
* Detail modules of the proposed system (from assignment part 1)
* Structure chart of modules involved in proposed system (from assignment part 1)
* Analysis class diagram (include appropriate attributes and methods)
  1. Design and Implementation Constraints
* Any design and implementation constraints related to your proposed system (for example processing power etc.)
  1. Assumptions and Dependencies
* Any assumptions or dependencies related to your proposed system (such as hardware dependencies or using open source etc.)

1. Specific Requirements
   1. External Interface Requirements

* User interface
* Hardware interface
* Software interface
* Communication interface
  1. Functional Requirements
* All functional requirements for your modules (please separate under each module)
  1. Use Case Model (from assignment part 1)
* Use case diagram and use case description (you can have one main use case (whole system) for all modules and after that you can add another use case for each individual module together with use case description for each module)
  1. State Diagram
* State diagrams to capture important behaviors of the system for each module.

1. Other Non-Functional Requirements
   1. Performance Requirements

* Any requirements related to performance
  1. Safety and Security Requirements
* Any requirements related to safety and security
  1. Software Quality Attributes
* From SE assignment (other attributes that are different from performance, safety and security requirements)

1. Other Requirements
   1. Managing the conflicts of Requirements
   2. Qualitative and Quantitative approach

Appendix A – Stakeholder Analysis (from assignment part 1)

* Factors for stakeholder analysis
* Stakeholder selection

Appendix B – Elicitation Techniques (from assignment part 1)

Appendix C – Questionnaire and Interview questions (from assignment part 1)

Appendix D – Requirement Analysis Approach (from assignment part 2)

* Explanation about OO Analysis/ viewpoint oriented analysis