NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES

Course: Software Engineering

Section: B

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Software Require Document Template:

Project Name: " "

Prepared by: " "

Organization name: " "

Table of Contents:

1 Introduction: "overview"

1.1 Purpose:

"Identify the product whose software requirements are specified in this document, including the revision or release number".

1.2 Project Scope:

"Provide a short description of the software being specified and its purpose. Relate the software to user or corporate goals and to business objectives and strategies".

1.3 References

"List any documents or other resources to which this SRS refers".

2. Overall Description:

This section presents a high-level overview of the product and the environment in which it will be used, the anticipated users, and known constraints, assumptions, and dependencies

2.1 Product Perspective:

"Describe the product's context and origin".

2.2 User Classes and Characteristics:

"Identify the various user classes that you anticipate will use this product and describe their pertinent characteristics".

2.3 Operating Environment:

"Describe the environment in which the software will operate, including the hardware platform".

2.4 Design and Implementation Constraints:

"Describe any factors that will limit the options available to the developers".

2.5 Assumptions and Dependencies:

"List any assumed factors (as opposed to known facts) that could affect the requirements stated in the SRS".

3. System Features:

3.1 System Feature 1

3.1.1 Description

3.1.2 Stimulus/Response Sequences

3.1.3 Functional Requirements

3.2 System Feature 2

4. Data Requirements:

4.1 Logical Data Model

5. External Interface Requirements:

5.1 User Interfaces

5.2 Software Interfaces

5.3 Hardware Interfaces

6. Quality Attributes:

6.1 Usability

6.2 Performance

6.3 Security

6.4 Safety