**Report No.3: Software Requirements Specifications (SRS)**

**3.1. User Requirement Specification**

*<Summarize the customer requirements in a compact form>*

3.1.1 Functional Requirement

3.1.2 Non-functional Requirement

**3.2. System Requirement Specification (Specific Requirements)**

*<Summarize the system requirements in a compact form>*

3.2.1. External Interface Requirements

3.2.1.1. User Interfaces

3.2.1.2. Hardware Interfaces

3.2.1.3. Software Interfaces

3.2.1.4. Communications Protocol

3.2.2. System Features

Use case diagram

3.2.2.n. System Feature n

3.2.2.n.1. Use Case-n Diagram (otherwise use another model)

3.2.2.n.2 .Use Case-n Specification

*<Write down all non-trivial use cases. This should reflect what you get when your team does the system analysis. Use the template to write a detailed specification for use cases>*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **USE CASE-n SPECIFICATION** | | | | |
| **Use-case No.** | <UC001> | **Use-case Version** | | <1.0> |
| **Use-case Name** | <Name> | | | |
| **Author** | <Members> | | | |
| **Date** | Dd/mm/yyyy | **Priority** | <High/Normal/Low> | |
| **Actor:**  *<Lit all actors>*  **Summary:**  *<Briefly describe the used case >*  **Goal:**  *<Briefly describe the goal of used case >*  **Triggers**  *<What does lead in using this case?>*  **Preconditions:**  *<List the required pre-conditions for using this case>*  **Post Conditions:**  *<List the required post-conditions for using this case>*  **Main Success Scenario:**  *<List the main steps for using this case to reach the goal successfully >*  **Alternative Scenario:**  *<List other steps for using this case to reach the goal in some alternative conditions >*  **Exceptions:**  *<List exceptions of this use case >*  **Relationships:**  *<List the relationships that use case relates to>*  **Business Rules:**  *<Any concern about the business>* | | | | |

3.2.3. Software System Attributes

3.2.3.1 Reliability

3.2.3.2 Availability

3.2.3.3 Security

3.2.3.4 Maintainability

3.2.3.5 Portability

3.2.3.6 Performance

**3.3. Entity Relationship Diagram or Data Structures**

*<Provide the ERD Diagram for the system here. If your team uses a file or in-memory storage facility instead of a database, replace this section by ‘Data Structures’. Note, use only ERD or Data Structures>*

**3.4. Other material (if any)**