***SRS(Software Requirement Specification)***

1.introduction

**1.1 Purpose**

(purpose of the document)

**1.2 Scope**

(It shall consist of clear concise description of the subject covered)

**//1.3 Definations,Acronyms & Abbrevations**

(An alphabetic list of the abbrevations and acronyms)

**1.4 Document Overview**

(Summerize the purpose and the contents of this document )

/\*. General Characterstics

**2.1 Introduction**

(Describes the characterstics and limits of the system)

**2.2 System Perspective**

(State the perspective of the system)

**2.3 System activity or System features**

(Describe the features of the system. Example:In a “Loan monitoring system” the activities /features will be authentication,installment calculation,penalty generation,overdue calculation,bill generation,etc. )

**2.4 User characterstics**

(Describe those general general characterstics of the intended users of the product including educational level,experience,and technical expertise )

**2.5 General costraints**

(provide a general description of any other items that will limit the developer’s options for designing the system. These can include: Regularity policies,Hardware limitations, Interface to other applications,Parrallel operation,Audit functions,Control functions ,Higher-order language requirements,Criticality of the application ,safety and security considerations)

**2.6 Assumptions and Dependencies**

(List each of the factors that affect the requirements stated in the SRS.These factors are not design constraints on the software but are, rather ,any changes to them that can affect the recquirements in thee SRS)\*/

3. Specific Requirements

**3.1 Functional requirements**

(Inputs,outputs,calculation, and use cases)

**3.2 External interface requirements**

(User , hardware, software, communications – User Interface,Screen layouts)

**3.3 Performance Requirements**

(If there are performance requirements for the product under various circumstanes ,state them here and explain them to help the developers understand the intent and make suitable design choices . Specify the limiting relationships for real time systems)

**3.4 Design Constraints**

(File formats,languages,standards ,compatibility, etc )

**3.5 Attributes**

(Attributes of software that can serve as requirements …Efficiency, flexibility, Interoperability, Realiability,Reusability,Testability,etc.)

**3.6 Other requirements**

(……….)

4. Data flow diagram*(level 0,level 1,level 2)*

5.Entity relationship diagram

6.Structure chart

7.Screens

8.Pseudo code

9.Supporting Information

They might include:

Sample I/O formats

-Background information that can help the readers of the SRS

-Description of the problems to be solved by the software

-The history ,background,experience and operational characterstics of the organization to be supported .

-Special packaging instructions for the code and then media.