

## SOFTWARE REQUIREMENT SPECIFICATION:

Software Requirement Specification document/report basically describes the intended purpose and the environment for the software/application which is under development.

It completely describes the yield, cost, nature of the software.

## TABLE OF CONTENTS:

- 1 Introduction
  - 1.1 Purpose
- 2 Design and Implementation
- 3 System Requirements
  - 3.1 Functional Requirements
    - 3.1.1 Development Environment System
      - 3.1.1.1 Hardware Specification
      - 3.1.1.2 Software Specification
    - 3.1.2 Deployment Environment System
      - 3.1.2.1 Hardware Specification
      - 3.1.2.2 Software Specification
    - 3.1.3 Maintenance Environment System
      - 3.1.3.1 Hardware Specification
      - 3.1.3.2 Software Specification
  - 3.2 Non-Functional Requirements

- 1 Introduction
  - 1.1 Purpose

The purpose of this document is to provide the Software Requirement Specification report of SURAKSHA.
- 2 Design and Implementation
- 3 System Requirements
  - 3.1 Functional Requirements
    - 3.1.1 Development Environment System

It is the set of processes and programming tools that are used to create the software product/application.

Here a PC is the Development Environment used.
    - 3.1.1.1 Hardware Specification

RAM – 4GB

MEMORY – 1024GB (1TB)

3.1.1.2 Software Specification

OPERATING SYSTEM – Windows 7

SOFTWARE – android studio version 2.1.2

3.1.2 Deployment Environment System

It is a system in which the software product/application is developed and executed.

Here mobile is the Deployment Environment used.

3.1.2.1 Hardware Specification

RAM – 1GB

MEMORY – 8GB

3.1.2.2 Software Specification

OPERATING SYSTEM – lollipop and below versions

3.1.3 Maintenance Environment System

3.1.3.1 Hardware Specification

3.1.3.2 Software Specification

DATABASE – SQL

IDE which uses java - Eclipse, NetBeans

3.2 Non-Functional Requirements

3.2.1 Usability – the app is user friendly.

3.2.2 Maintainability

3.2.3 Robustness

3.2.4 Availability