**SOFTWARE REQUIREMENT SPECIFICATION**

**PROJECT TITLE :**

**“INSURANCE POLICY ENDORSEMENT BASED ON ANDROID SYSTEM.”**

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**SOFTWARE REQUIREMENT SPECIFICATION**

**1. Introduction**

The SRS is produced at the culmination of the analysis task. The function and performance allocated to software as part of the system engineering and refined by establishing a complete information description, a detailed functional description, a representation of system behaviour, indication of performance requirements and design constrains, appropriate validation criteria and the other information related to requirements.

The SRS is technical specification of requirement of internal test paper by using scanned copy of answer sheet. This specification describes what the proposed system should do without describing how it will do it. It also describes complete external behaviour of proposed system.

**1.1. Purpose:**

The main purpose of our system is to endorse the policy and calculate the amount for that policy.

**1.2. Scope:**

The scope of the project is that since the application is developed by kotlin, it will be efficient and process will be done faster.

**1.3. Definition, Acronyms, Abbreviations:**

DFD: - Data Flow Diagram

SRS: - Software Requirement Specification.

**1.4. Reference :-**

1) Developer.android.com – Android studio

2) kotlin – Kotlin tutorials

**1.5. Overview :-**

The aim of the project is that to create an application for the insurance endorsement of the user. The policy and the user details can be added in the application . Having an insurance policy reduces the financial burden in the case of loss or damages arising from an accident caused to or by your insured vehicle. The main objective of the project is to reduce the work of the client . The system is to be built with KOTLIN, and Firebase for database. It calculates the endorse amount with respect to Government updates

**2. OVERALL DESCRIPTION**

**2.1. Product perspectives:-**

An insurance endorsement database system stores the information about user and policy.

**2.2. Product Function:-**

The data represented in the application contain the following functions:-

* Sign in
* Sign up
* Policy details
* Endorsement

**2.3. User Characteristics:-**

This software is developed in such a manner that total appearance of the product is to make it more user friendly. The user will be provided with login id and password.

**2.4. General Constraints:-**

Updation of the customer details can be viewed by logging in to their account.

**2.5. Assumption and Dependencies:-**

All the data entered will be correct and up-to-date. This application is developed using Android studio as front end and SQLite as back end.

**3. SPECIFIC REQUIREMENTS**

It describes all the details that the desktop application developer need to know for designing and developing the system. This is typically the largest and most important part of the document.

**3.1. External Interface Requirements:-**

**3.1.1. User Interface:-**

User interface is designed in a user friendly manner and the user, in another end he has to give the order, for that he will interface with keyboard and mouse.

**3.1.2. Hardware Interface:-**

Processor : Intel®core™i3-5005U CPU 2.00GHZ

Memory : 5 GB RAM

USB Drive : 2.0

**3.1.3. Software Interface:-**

Operating System : Windows 7/ 8/ 8.1/ 10

Coding Language : Kotlin , SQLite

IDE : Android studio

Front End : XMl

**3.1.4. Communication Interface:-**

Windows platform

**3.2. Performance Requirements:-**

The performance is dependent on the speed of the network connection. The responsiveness matters off for the performance.

**3.3. Design Constraints:-**

The students can have the access anytime from anywhere. Updation of any new details can be done by the user.