

## **CHAPTER 3**

### **SYSTEM ANALYSIS**

System study is the process of investigating a system, identifying problems, and using the information to recommend to the system. The following chapter provides a description of the existing chapter and its drawbacks. It also provides an overview of the proposed system, its advantages implementing Data analysis in "Vehicle Insurance claim".

#### **3.1 Existing System**

For endorsement in the existing system needs each time login of user to view and edit the policy content.

The existing system require person to spend lot of time with computer system to fill up the forms.

Less efficiency, less accuracy and less productivity and limited size of data will be performed by the existing system.

##### **3.1.1 Drawbacks**

The main drawbacks for the existing system are as follows:

- Take more processing time.
- Large amount of manual processing is needed.
- Possibility of errors during manual processing and calculations.

## **3.2 Proposed System**

Proposed System is to implement latest android cellular technology in making the system still more secure, efficient and effective, for the purpose of insurance policy endorsement.

### **Advantages**

The major advantages for proposed system is as follows

- 1.Requirement of onetime user login
- 2.Manage multiple policy at the same time
- 3.Manage on-the-go

## **3.3 Feasibility study**

This project is feasible based on the available resources and time period for completion. An estimate is made of whether the identified user needs are satisfied using our recent software and hardware technologies. An estimate is made to show that the identified user needs are satisfied using our software and hardware technologies. The study proved that the proposed system will be cost effective, from the business point of view and it can be developed in the existing budgetary constraints. The study is done in three phases.

### **3.3.1 Tests of Feasibility**

Feasibility study is conducted once the problem clearly understood. Feasibility study is necessary to determine that the proposed system in banking bot is feasible by considering the technical, operational, and economical factors. By having a detailed feasibility study the management in the will have a clear-cut view of the proposed system of the banking bot. Feasibility study encompasses the following things:

- Technical Feasibility
- Economical Feasibility

- Operational feasibility

### **3.3.1 Technical Feasibility**

The technical feasibility study is a study of function, performances and constraints and improves the ability to create an acceptable system. Technical feasibility is frequently the most difficult area to achieve at the stage of product engineering process.

### **3.3.2 Operational Feasibility**

The purpose of operational feasibility study is to determine whether the new system will be used if it is developed and installed. And whether there will be resistance from users that will undermine the possible application benefit. The first challenge was whether the system meets the organizational requirement. This is checked by the system requirement collected from the users and the management and the operational feasibility proved that the system is capable to meet its functional requirements. During the operational feasibility study the proposed system, is checked for compliance with universal standards. All the business methods implemented in the system are selected according increase the user acceptance.

### **3.3.3 Economical Feasibility**

A cost evaluation is weighted against ultimate or benefit derived from the developed system or product. Economic justification is generally the “Bottom line”

consideration that includes cost benefit analysis, long term corporate income strategies, impact on other profit centers or products, cost of resources needed for development and potential market growth. When compared to the advantage obtained from implementing the system its cost is affordable.

Possible questions raised in economic analysis are:

- Is the system cost effective?
- Do benefits outweigh costs?

## **CHAPTER 4**

### **SYSTEM SPECIFICATION**

System specification is a structured collection of information that embodies the requirement of a system. This section provides an overview of the entire system or product.

#### **4.1 Hardware Requirements**

Processor	: 1.4GHz 32-bit (x86) (Minimum) Intel Core 1.3GHz with 2GB RAM
RAM	: 3GB (Minimum)
Hard Drive	: 500 GB
Input Devices	: 101 keys keyboard and mouse

#### **4.2 Software Requirement**

Operating system	: Windows 7/8/10(32 or 64 bit)
Front end software	: Android Studio
Back end software	: NoSQL

