**CHAPTER 3**

**SYSTEM ANALYSIS**

System analysis is a problem solving technique that decomposes a system into component pieces of purpose of studying how well those component parts work and interact to accomplish their purpose the following chapter provides the detail description of the existing system. It also provides an overview of the proposed system and feasibility of the web application.

**3.1 EXISTING SYSTEM**

The existing system to based on server. The datas will be more securely shared to browser without any server problems. The shared applications, datas can be secured in VPC services . The data and application to available in VPC service. The currently approaches for security and usability in developing Web enabled desktop application. Upgrading hardware, application deployment, backing up of data and technical support are simplified in a server-based environment. We need the sever room to handle the systems and to store the data.

**3.1.1 Drawbacks**

The main drawbacks for the existing system are as follows

* Server problems
* Accessing applications through server
* The existing system needs the physical servers so that the cost for implementing this will be very high.

**3.3 PROPOSED SYSTEM**

* The advantage of this desktop application is that the scalability.It enables you to accommodate larger workloads without disruption of existing infrastructure.Data will be stored in VPC secured way.Disaster recovery is the important benefit of this secure sharing of this application.Key Management Service can be used for encrypting the application.

**3.4 FEASIBILITY STUDY**

This project is feasible on its process of executing with ts services.This process of executing can be based on the included services availabl**e** in the aws.The aws cloud can secure the applications in the regions for the development of the user.The aws cloud can give assurance for the sharing of applications with security.The encrypting of an application will be available for the user to access.The study can be done in three phases.

**3.4.1 Tests of Feasibility**

This type of feasibility can be done once the problem statement has been clarified.This study is to determine the proposed system in the sharing of desktop applications is feasible by considering the technical,operational and economical factors.By having the full feasibility study of this statement will have a clear view of the process.Feasibility study encompasses the following things.

* Technical Feasibility
* Economical Feasibility
* Operational Feasibility

**3.4.1.1 Technical Feasibility**

The technical feasibility is the study of function,performances and constraints.It improves the ability to create an acceptable system.Technical feasibility is the most diffoicult area to achieve the stage of engineering process.

**3.4.1.2 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.

**3.4.1.3 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?