[sample 1]

# **Law Enforcement Record Management System**

# Background

Records Management system is used to manage a large set of data which one can access, retrieve the desired information and archive various information, documents or records. In addition to that one can state that an effective RMS allows single entry of data, while supporting multiple reporting mechanisms. Small Rural Border and Tribal Law enforcement agencies are frequently faced with prohibitive cost when

acquiring, implementing and operating all the cases records management systems (RMS). In addition to that many of the hard copy of the records could be damaged and be manipulated. Law Enforcement Record Management System would digitalize entire records and also help to the maintain its authenticity.

# Purpose

* To provide a starting point for law enforcement agencies to use when developing RMS requests.
* Streamline the process by a centralized data and reduce the cost of maintaining RMS
* Promote effective, secure and reliable information sharing and retrieval
* Prevent duplication or loss of data
* Minimize paperwork

# Scope

RMS will be restricted to records directly related to law enforcement operations. Such records include incident and accident reports, arrests, citations, warrants, case management, field contacts and other operations-oriented records. RMS would not address the general business functions of a law enforcement agency, such as budget, finance, payroll, purchasing, and human resources functions. Although due to operational requirements, such as the maintenance of a duty roster, law enforcement personnel records

and vehicle fleet maintenance records to be included within RMS.

[Sample 2]

# Blood Bank Management Database System

## Background

Blood banks need to maintain a substantial stock of blood for their daily functioning. Some

organizations and hospitals organize blood drives where people can donate blood. Donors

must be properly registered, and their information accurately stored. A detailed centralized

donor database will allow access to hospitals/organizations from anywhere at any time. This

will avoid data redundancy by enabling better communication while optimizing time and

cost. The database system will ensure an accurate blood type match between the donor and the recipient.

## Mission Statement/Objectives

* Centralized system that consists of all the donor data, will be accessible by any hospital/blood bank across the country.
* Determining when and where to organize a blood donation drive based on the set threshold (a pre-decided minimum available blood in a city/town at any given time). This will help in avoiding shortage of blood at any given time.
* Easily contact a donor- Thank them for donating or to notify about future blood donation campaign. Also, in-case of emergency request to donate again, if possible.
* An accurate database will help identify donor rich localities to organize future drives.
* The database system can be accessed only by the authorized personnel, leading to a high security environment for sensitive user information.

[Sample 3]

# **Car Rental Database**

## **Project Overview:**

In this project we are going to design database for an international car rental company. It enables the customer to do easy and fast reservations online or by phone call. It also allows the customer to rent a car from one location and return the car in another location of the company.

## **Background:**

**Car Rental Company develop very fast because there is huge demand in the market. People like car rental service because people travel a lot and at some point, in their life will have an urge to travel. It may be only a weekend or couple of weeks. People may travel to visit family members or friends, to discover the new cultures, to find love, to find themselves or just rich enough to travel from country to country. Besides people sometimes rent luxury car with they can’t afford to buy by themselves. With the rapid increasing rate in the car rental service, the number of cars is increasing. To face the huge datasets the traditional database may result in the information management chaos and excessive waste of manpower and money. The study on database are helping customer rent the car in a more efficient way and enable the car rental company to provide better service to the customer.**

## **Purpose:**

**With the rapid development in the car rental service, there are a lot of car rental companies all over the world. In order to make more profit in the competition among these much companies, the company need to increase the income by attracting more customers and decrease the cost like avoid the excessive waste of manpower and surplus of the cars for example there are some cars in the company that never of seldom be rented. The Car Rental database is designed to help the company understand how many cars they need to provide based on the type and price, also shorter the time people waiting during the service to increase the profit of the company.**