



# **Sri Lanka Institute of Advanced Technological Education (SLIATE)**

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## **Project Proposal**

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(BAT/IT/2018/FT/0095)

## **Title**

Apartment Visitors Management System

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## **1. Introduction**

Software technology is making workload even easier than manual system. So, Visitor management is any process that helps an organization keep tracking of the people that visit their location. This system is most important to every apartment to control and store all of the people details who visiting into the apartment.

In these days, most Apartments have many programs. Visitors and owners alike are involved in these processes. With this, **Apartments Visitors management system** has become one of the major solution for keep records.

## **2. Background and Motivation**

The project is developing based on Apartment Visitors management system for Maya Villas situated in Pasikudah, Batticaloa District Sri Lanka. The Motivation for this project from two reasons. One is being that, this is going to improve my knowledge in programming studies and many times I found a problem in Manual records of the apartments whenever I visiting to my friend's home. So, I decided to implement a computerized system, simplify the process and reduce the time of recording details manually.

## **3. Problem in brief**

The current system has many problems. Now a days Apartment visitors management System operates their systems manually. All details are kept on wrote documents such as visitors information, apartment information, address details, reason for visiting, phone number. The daily visitors calculated and stored to the document. Inability to manage properly due to the influx of many people. Time delay due to congestion.

## **4. Aims and Objectives**

### **4.1 Aims**

Aim of our project is to develop a Apartment Visitors management System for identified problems in the current Management process and implement with IT Solutions & provide for developing this project system can helps to maintain the Visitors information.

### **4.2 Objectives**

This Apartment Visitors management system is designed to provide information regarding the details of peoples.

The objectives are to improve visitors' information maintenance. To minimize mistakes made by the manual system, Reduce time delay, Reduce workload, carrying out Service efficiently, Check for old information when necessary.

- Apartment Visitors management system deals with visitors detailed report.
- Different types of administrators are employed to managed different tasks of the system
  - Admin is given all power and authority over the whole system.
  - Limited access is provided to the Security officers to update the system such as updating visitors' details.
- The security officers can have the access to provide add visitors related details.
- Provide a detailed report, summary report & login history.

System will provide an access to add number of users.

## 5. Proposed Solution

The Proposed Solution of the manual Apartment Visitors management is to develop a computerized Apartment Visitors management system. Before developing the proposed system, need to identify.

- a) The design of the proposed system.
- b) The main user admin of the Apartment Visitors management system.
- c) The activities of the admin and user of the system

### 5.1 The Design

The proposed system will be designed using XAMPP and MySQL (the database used to store the visitors' details, Apartment details and reason for visiting and whom to meet).

### 5.2 The main users

The main users of the proposed system are Admin and Security officers. They only can access the details in security issues.

### 5.3 Their activities

The activities of the main users of the proposed system are listed in a table below.

Activities of admin	Activities of Security officers
<ul style="list-style-type: none"><li>• Search the visitors</li><li>• View the details</li><li>• Add/Delete/Update-visitors details</li></ul>	<ul style="list-style-type: none"><li>• Add/Update Visitors details</li><li>• View and Maintain the Visitors Details</li><li>• Print reports</li></ul>

**Activities Table 5.3.1**

## **6. Resource Requirements**

### **6.1 System Requirements**

#### **Recommended Software Requirements:**

Front End: PHP, Html, CSS, Bootstrap

Back End: MySQL

Operating System: Windows 7 or above

#### **Recommended Hardware Requirements:**

Processor: Pentium IV or above

Clock Speed: 2.86GHZ Processor

Hard disk: 4GB

RAM: 256MB

## **7. Reference**

- <https://www.youtube.com/watch?v=yDP0wIkLK3M&feature=youtu.be>
- <https://phpgurukul.com/apartment-visitors-management-system-using-php-and-mysql/>
- <https://www.guru99.com/php-tutorials.html>