

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

**Higher National Diploma in Information Technology**

**Project Proposal**

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**Title**

Thompukandam village Resort Management System

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## **1. Introduction**

Thompukandam Village Resort is one of the small resort to stay tourist, located in Addapalam, Nintavur. The Resorts in Sri Lanka especially in small cities like Addapalam, don't have the tourist travelling system. It doesn't maintain the website to the tourist for find the destinations and booking packages. The main purpose is to short out this problem. The objective is to provide complete travel information to tourists and also offer suggestions regarding all the popular cities and all the tourist attractions there. Vision is to make it easier for travelers to plan their own wants.

Travel and tourism management system is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to Thompukandam Village Resort and more importantly it is backed by reliable and dependable. Travel and tourism management system is a Computerized System for Thompukandam Village Resort. It is intended to reduce the time complexity of the Tourist. They can store tourism and travel details in this system and can be more relax. I started to develop the system with the aim of that problem solving. Because, Thompukandam Village Resort don't have the proper travelling system for the tourist. In the Proposed system, Users can login and can store the details about tourist data. It has comprised motivation factors to the proposed system, function of the existing system and its drawbacks. It also briefly describes the objective of the proposed system and its functionalities.

This is also tells briefly description of the software and hardware specification to develop the travel and tourism management system, system development methodology and the time period to complete the proposed system successfully.

## **2. Background and Motivation**

This project is about Thompukandam Village Resort. It is one of the small resort to stay tourist, located in Addapalam, Nintavur. The Resorts in Sri Lanka especially in small cities like Addapalam, don't have the tourist travelling system. It doesn't maintain the website to the tourist for find the destinations and booking packages. The main purpose is to short out this problem.

The purpose of this project is to develop and modify the existing system by the online booking service and provide information about the organization like Introduction about the organization, hot destination in SriLanka, Fantastic beaches in SriLanka, Packages details, Gallery of Tourist visiting places etc... These are following activities are that are done in the existing system.

- Providing the room booking and food & drink booking
- Airport shuttle services (surcharge)
- 24-Hour Front Desk
- Meeting/Banquet Facilities
- Room Service

### 3. Problem in brief

Existing system doesn't maintain the website to the tourist for find the destinations and booking packages, so it is difficult to the tourist. Many tourist are don't know the resort. Tourist come only to stay a few days. It is the weakness of the resort. If the resort develop the tourism website that includes the tourist visiting places in the district around Sri Lanka and travelling facilities to the destinations. The resort get attraction among the tourists. But, the resort is facing the problems without the proper systems. They are following,

- Lack of facilities to show the tourist places in Sri Lanka
- The resort doesn't have the plan to arrange the trip facilities to their customers.
- They don't have the customers' staying in long period.
- They don't have the proper system to maintain the customers.
- They have only rom facilities
- Don't have the website to see the destinations in Sri Lanka and booking packages to arrange their trips.
- Company management team and customers are getting low quality of services and not reliability also.

If the system in manual, they will be faced many problems. Slow and waste of time, because the staffs need to go through each and every file to find single information. More physical space are used to keep all the files. There is no enough security in manual system in maintaining data, so that everyone can go through or alter the important data. Changing or making corrections in the data are difficult, as it is not nice to cut or correcting with fluid and write over it. So the manual system has number of problems and drawbacks.

- Searching information is difficult and time consuming,

The main problem faced by the user is the difficulty to access the leaning details for various needs. For example if the user needs to gather particular tourist destination, the visiting places with in the destination and the packages details. And the customers find the details very difficult. They have to face many troubles.

- Most of the work done by call through,

The tourists are unable to register all the information in online due to unavailable and lack of facilities. So the coordinator needs to get there are telephone numbers and contact them to get all the information and input them another system.

- They need to check many times.

The coordinator calls through and get all the required information and input it in another system after get verification.

- Waste of time and money.

The coordinator and tourists are wasting time in manual registration, spending money for verification. And repetition of work done by the coordinator.

- It is very hard to find the tourist details.

It is difficult to provide guidance without maintaining a proper management system. Finding touring places details and tourist details is very difficult because the details are recorded in a same table without proper classification of categories, saved in various different type of place and methods and there isn't any proper method for the recording details.

- If they want to get a tourist or places or packages details they can't get it easy.

So, to solve above problems they need a sensitive software or computerized system to Thompukandam Village Resort.

#### **4. Proposed system**

- The proposed system is a web based application and maintains a centralized repository of all related information.
- In the present system a customer can see the picture of the tourist places and fantastic beaches in hot destination in Sri Lanka.
- In the present system a customer has to approach various packages to find details of places and to book tickets.
- The system allows one to easily access the relevant information and make necessary travel arrangements.
- Users can decide about places they want to visit and make bookings online for travel and accommodation

#### **5. Aim and Objective**

- The objective is to provide complete travel information to tourists and also offer suggestions regarding all the popular cities and all the tourist attractions there.
- The objective of the project is to develop a system that automates the processes and activities of a travel and tourism agency.
- The purpose is to design a system using which one can perform all operations related to traveling and sight-seeing the visiting places in Sri Lanka.

## 6. Propose Solution

### 6.1 Planning of the proposed system

The proposed System has included the functionalities to overcome the drawback of the existing system. This system will provide the functional facilities for easily managing the Travel and Tourism and registration keeping by this proposed system.

- Keep organization details
- Find Destinations and Packages
- New customer(Tourists) registration
- Maintain separate user account for every customer.
- Keep every user's registration details
- Users can Login through their registration
- Users can know about the organization
- Plan the Trip
- Booking Packages
- Confirm Details, Edit the details
- Add packages and Confirm purchase to the packages
- Change packages and Cancel packages
- Providing the destinations and gallery to arrange the trip
- Payment via online
- Find each customer(Tourist) details
- Users can contact and sending messages through registration.
- To keep administrator details (tourist registration details, update new information, maintain details)
- Arrange the hotels to stay in the particular place during the journey period.

And visitor or user website page also included to Provides more security, if the user will enter the wrong user name or password the system will not allowed to login.



## **6.2 Design of the system**

To provide flexibility to the users, the interfaces have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The 'administrative user interface' concentrates on the consistent information that is practically, part of the organizational activities and which needs proper authentication for the data collection. These interfaces help the administrators with all the transactional states like Data insertion, Data deletion and Date updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary users in managing their own information in a customized manner as per the included flexibilities

## **7. Software and Hardware Requirements**

### **7.1 Software Requirements**

- ❖ Operating system : Windows 7/windows 10
- ❖ Adobe Dreamviewer6
- ❖ Notepad
- ❖ Adobe Photoshop CS
- ❖ MySQL
- ❖ PHP, XXAMP Server

### **7.2 Hardware Requirements**

- ❖ Processor : Core I5/Core I3
- ❖ Process speed : 2.53 GHz
- ❖ Memory : 2 GB RAM
- ❖ Hard drive : 500 GB
- ❖ Monitor
- ❖ Keyboard and Mouse

## **8. Performance Requirements**

Performance is measured in terms of the output provided by the application. Requirement specification plays an important part in the analysis of a system. Only when the requirement specifications are properly given, it is possible to design a system, which will fit into required environment. It rests largely with the users of the existing system to give the requirement specifications because they are the people who finally use the system. This is because the requirements have to be known during the initial stages. So that the system can be designed according to those requirements.

The requirement specification for any system can be broadly stated as given below:

- The system should be able to interface with the existing system
- The system should be accurate.
- The system should be better than the existing system.

The existing system is completely dependent on the user to perform all the duties.

## **9. Reference**

- <https://www.slideshare.net/mobile/ravindrachaudhary3110/usr-tour-and-tra-vel-mini-project-report>