



## **SCHOOL OF COMPUTER SCIENCE**

Introduction to Programming Using C

Project Synopsis on

### **“INN MANAGEMENT SYSTEM”**

submitted in partial fulfillment for the award of the degree in

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

**Submitted by GROUP 09**

1. V.D. Panduranga Sai (AP21110010091)  
BTECH 1st year CSE  
SEC: - B
2. Arjun Mahamkali (AP21110010090)  
BTECH 1st year CSE  
SEC: -B
3. Dhanesh Borra (AP21110010092)  
BTECH 1st year CSE  
SEC: -B

**Under the guidance of**

**Mrs.Vidya V**

( Note:- in this project inn refers to “ 9 decades grand inn”)

## **ABSTRACT**

The main aim of introducing an inn management system is to make the customer free to select their requirements by providing multiple options like booking dining slot to dine in the inn or customer can book the accommodation with their requirements that deals with both management and customer registration and billing, and for management prices editing for their choice of lodging or dining facilities. This project helps the inn management by providing a self-service option to the customer in their inn this helps them save their precious time and count of the employees to the management and The customer and the management both get benefited by this software “inn management system”.

## **INTRODUCTION OF MINI-PROJECT**

We chose an inn management system as a mini project which is done by c language in the 1st semester that deals with both management and customer registration and billing, and for management prices editing for their choice of lodging or dining facilities.

Here “inn” refers to “9 decades grand inn” means a place which has accommodation and dining facilities available, which is a 5star rated place in the city. in this project we are mainly focused on the customer self-chosen facilities provided by the management of the “9 decades grand inn”.In this project, we mainly focused on the requirements provided by inn management to a customer like the type of the rooms, food, condition of rooms, etc

At the end of the project, the customer will get the final bill for what they were selected in the software and returns it to the next user to continue this process.

## **OBJECTIVES**

The main aim of this project is to give the program access to both the management and the customers this project include two types of users

### **User1 “employ”**

- 1.)Employ can use this program to edit the prices of both dining and lodging multiple times.
- 2.)Employ access the benefits of user 1 called “employ” require security permission before he enters to the user called “employ” blog.

### **User 2 “customer”**

- 1.)customers will have so many benefits to choose the facilities provided by the “9 decades grand inn” like the type of room, type of environment condition, dining, type of food, etc.
- 2.)customers get the final bill for which they selected in the user 2 blogs.

## **RESEARCH METHODOLOGY**

We divided the whole project research procedure into two types

### **1.)logical research procedure**

logical research is done by the whole group by collecting the information which is required to start and end the project from the nearest restaurants and hotels to know what the customers getting benefits in their management then we started summing up the different

information in sequential order. This logical research includes information regarding the main information of (INN) lodging and dining.

Regarding rates and type of rooms provided and type of food provided etc.

## 2.) technical research procedure

technical research is done by the whole group by collecting textbooks related to the basics of c language from the internet to get technical support to write the c program and from library books.

Reference books: - “let’s use c” book title, “programming with c”.

### **SOFTWARE REQUIREMENTS:**

The language used: C

Operating System :Windows (any version),ubuntu(version),ios(any version)

Compiler: any IDE compiler (mostly preferred in code blocks)

### **HARDWARE REQUIREMENTS:**

Storage capacity: minimum 4 GB ram, 256 GB ROM (HDD or SSD)

Processor: minimum i3 11th generation