E-learning

MINI PROJECT – I
SYNOPSIS

Department of Computer Science & Application

Institute of Engineering & Technology

SUBMITTED TO: -   SUBMITTED BY: -

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<u>Acknowledgement</u>

It gives us a great sense of pleasure to present the synopsis of the B.Tech mini project undertaken during B.Tech III Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals. I owe special debt of gratitude to Dr. Manoj Varshney , Assistant Professor , for providing me with an encouraging platform to develop this project, which thus helped me in shaping my abilities towards a constructive goal and for his constant support and guidance to our work.

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 Puneet Kumar (201500534)

ABSTRACT

The main objective of the Hotel Booking System is to manage the details of Hotel, Payments, Rooms, Services, Customers. It manages all the information about Hotel, Booking, Customers, Hotel. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Hotel, Payments, Booking, Rooms. It tracks all the details about the Rooms, Services, Customers.

Contents

INTRODUCTION

We set up the Student Accommodation System (SAS) Project to make sure that our online accommodation booking system meets student needs and expectations.

Currently, students have to wait for up to 28 days to find out if we can offer them a place in halls. Our administrative staff spend a lot of their time processing applications manually instead of helping students directly. These are only two of the reasons that show why we want to improve the process of booking student accommodation .

The project brings together staff from across the School including the Residential Services Division, the Business Improvement Unit, the Data and Technology Services Division.

SOFTWARE AND HARDWARE REQUIREMENTS

- Visual Studio code.

- XAMPP control Panel

- Maria Database

- Ethernet Adapter

- 512 MB Ram

- Window 10

PROJECT DESCRIPTION

A self-service application will remove the need for the current maximum processing time of 28 days.
A self-service application will bring the student experience in line with current user experience norms for booking platforms.
Two-way integration with the reservation system will ensure more efficient operations. For example when a student is checked out of a room in India, the room status in the accommodation system will update, too. This also reduces room for error when offering accommodation.
Key performance indicators can be measured

more quickly and reliably through improved management reporting.

Empty rooms can be filled more quickly through self-service.

Staff can focus on value-added activities (eg specialist support for non-routine bookings) instead of carrying out manual processes.

The main benefits of the project are: • Easier application process for students, quicker processing times and instant booking. • Removal of manual processes for staff with improved staff satisfaction. • 2-way integration with reservation system will ensure more efficient operation (e.g. when a student is checked out of a room in Rezlynx the room status in the accommodation system will update also). • Less room for error when offering rooms. • Self-service application will remove the need for a 28-day processing service level agreement. • Self-service booking system rather than an application system. • Improved management reporting to allow to be measured more reliably and quickly.

IMPLEMENTATION

Java script is a scripting language used to enhance the functionality of the browser. Java script is integrated with HTML and navigator 2.02. Java script facilitates the developer with properties related to document windows, frames, loaded documents and link. The J2EE platform specifies the logical application components within a system and defines the role played in the development process.

REFERENCES;

Books:

- JSP
  Web Development with java Server pages

  Duane K Fields

  Mark A Kob

- Core Servlets and JSP – Marty Hall
- Java

- Professional Java Server Programming

Websites:

- www.java.sun.com
- www.google.com
- www.javawrench.com
- www.javaworld.com
- www.projectdeveloper.com

Faculty Guidelines:

Mr. Manoj Varshney (Assistant Professor in GLA University)

GitHub Repository link:

https://github.com/Puneetrkrajput/mini-project.git