RABINDRA VIDYA NIKETAN

PROJECT SYNOPSIS

ON

"RAILWAY RESERVATION SYSTEM"

SUBMITTED TO:

MR.K JAGANNATH REDDY

COMPUTER TEACHER

SUBMITTED BY:

- **NAME** – **RITIK KUMAR BARIK**
- **CLASS** – **XI 'A'**
- **ROLL NO : 21**
- **SUBJECT: COMPUTER SCIENCE**
- **SESSION** – **2021-2022**

CERTIFICATE

This is to certify that the computer science project on

"RAILWAY RESERVATION SYSTEM"

Has been successfully completed by

"RITIK KUMAR BARIK "

Class XI science in complete fulfillment of curriculum of

Central Board of Secondary Education (CBSE)

of Computer science (083) leading to award of

AISSCE practical examination 2021-22.

Internal examiner   Principal

ACKNOWLEDGEMENT

AS USUAL A LARGE NO. OF PEOPLE DESERVE MY THANKS FOR THE HELP THEY PROVIDE ME FOR THE PREPARATION OF THIS PROJECT .

FIRST OF ALL I WOULD LIKE TO THANK MY TEACHER **MR. K JAGANNATH REDDY SIR** FOR HIS SUPPORT DURING THE PREPARATION OF THIS PROJECT. I AM VERY THANKFUL FOR HIS GUIDENCE .

I WOULD ALSO LIKE THANK MY FRIENDS FOR ENCOURAGEMENT AND INFORMATION AND INFORMATION ABOUT THE TOPIC .

AT LAST I WOULD ALSO PLACE ON RECORD OUR SINCERE GRATITUDE TO ONE AND ALL WHO DIRECTLY OR INDIRECTLY HAVE LENT THEIR HELPING HAND IN THIS VENTURE.

PREFACE

This project **"Railway Reservation system"** is a specially designed program by me which will help you to book and cancel the train ticket. I have chosen this topic since this type of program will help you to perform the menu driven programs which will also help you to understand the use of this beautiful program which has been designed into small chunks of blocks.

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WORKING DESCRIPTION

This project consist of following module

1. **Reservation Managing:** This module will help you to book and cancel the ticket accordingly.
2. **Payment Zone:** This module helps you to manage the payment of the ticket.
3. **User Zone:** This module is used to book or cancel their ticket at any point of time.
4. **Database Setup:** This module is used to setup the database in the system for the first time.

SOFTWARE SPECIFICATION

Operation system : **Window 10**
Platform: **Python Idle 3.7**
Database: **MYSQL**
Language: **Python**
(Note: For connectivity of python & MYSQL following data has been used)

Host: **local host**
User: **root**
Password: **12355**
Database: **Railway_Reservation**

PROJECT REPORT

Name: **RITIK KUMAR BARIK**

Class: **XI Science**

Subject: **Computer Science**

Project Name: **Railway Reservation System**

Hardware And Software used: **(i) PC**

(ii) Python Idle 3.7

1. **Data collection:** Function
2. **Hypothesis:** In this project of python programming function was used to make it look more attractive and beautiful and connectivity of python & MYSQL was more easy to understand in this way of programming .
3. **Work Plan:** To make online train reservation efficient for those who can't give time from their busy schedule to go railway station and book a ticket or cancel it which isn't possible some people.
4. **Understanding:** It helps us to know how the connectivity of MYSQL and python is done.

5. **User Friendly:** Yes it is, it helps the user to book as many seats as user want. It also them to cancel their ticket at any point of time.
6. **Demand in Real World:** It will be useful for the people all over India who stuck at home and go outside to book a train ticket due to covid-19 .
7. **Content of Syllabus:** Function, MYSQL and conditional iterative statement.
8. **Analysis:** This project is user friendly and gets well connected with MYSQL in the program

9.Calculation/Evaluations: Evaluation

10. Creativity: You may book your choice type train ticket and can add as many seats you want.

11. Conclusion: This Project is too easy for all aged people to understand and even they may design such type of program of connectivity of their own.

BIBLOGRAPHY

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   www.python.mykvs
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3. By watching some helpful videos regarding connectivity