

ACKNOWLEDGEMENT

I take this opportunity to thank one and all involved in building this project. Firstly I would like to thank the college for providing us an opportunity to work on the project.

I would also like to thank the management of **K. S. Institute of Technology** for providing all the resources required for the project.

I wish to acknowledge my sincere gratitude to our beloved Principal, **Dr. Dilip Kumar** for his encouragement and providing all facilities for the accomplishment of this project.

This project would not have been possible without the support of our beloved **Prof & HOD, Dr. Rekha.B.Venkatapur, Dept. of CSE.**

I am also highly grateful to my project guides, **Mr. Kumar K, Dept. of CSE** who have been very generous in assisting and supporting, to do this Project “**RAILWAY BOOKING SYSTEM**”.

I also would like to thank all other teaching and non-teaching staff members who have extended their support and co-operation while bringing up this project.

PRAJWAL KULKARNI
(1KS19CS070)

ABSTRACT

“RAILWAY BOOKING SYSTEM” is a simple web application used to book train tickets, it has a simple and extremely user friendly UI, where users can book tickets, view their existing tickets, view all train information, etc. Once a ticket is booked users will also receive an email with their ticket attached to it. Users can also cancel any ticket at any time.

CONTENTS

1. INTRODUCTION	1-3
• Overview	1
• Problem Statement	1
• Database Management System	1
• SQL	2
• HTML/CSS	2
• Flask	3
2. REQUIREMENTS SPECIFICATION	4
• Software Requirements	4
• Hardware Requirements	4
3. DETAILED DESIGN	5 – 8
• System Design	5
• Entity Relationship Diagram	5
• Relational Schema	7
• Description of Tables	8
4. IMPLEMENTATION	10 – 13
• Module and their Roles	10
5. TESTING	14
• Software Testing	14
• Module Testing and Integration	14

6. TESTING	15 – 20
• Sign-in	15
• Sign-up	15
• Home	16
• All Train Info	16
• View Tickets	17
• Book Ticket	17
• Available Trains	18
• Add Passengers	18
• Payment	19
• Mail	19
• Ticket PDF	20
7. CONCLUSION	21
8. REFERENCES	22