VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANASANGAMA", BELAGAVI – 590018

A MINI-PROJECT REPORT ON

"TIMETABLE MANAGEMENT SYSTEM"

MOBILE APPLICATION DEVELOPMENT
18CMP68

Submitted by:

MANOJ M [4VV19IS045]

MADHAVA P ACHAR [4VV19IS041]

MANOHAR S N [4VV19IS044]

UNDER THE GUIDANCE OF

Prof. RAKSHITHA M S
Assistant Professor
Department of ISE
VVCE, Mysore

Prof. R KASTURI RANGAN
Assistant Professor
Department of ISE
VVCE, Mysore

VVCE

Department of Information Science and Engineering

VIDYAVARDHAKA COLLEGE OF ENGINEERING

MYSORE – 570001

2021 - 22

Vidyavardhaka Sangha®, Mysore
VIDYAVARDHAKA COLLEGE OF ENGINEERING
Autonomous Institute, Affiliated to Visvesvaraya Technological University, Belagavi
(Approved by AICTE, New Delhi & Government of Karnataka)
Accredited by NBA | NAAC with 'A' Grade
Department of Information Science & Engineering

CERTIFICATE

This is to certify that the mini-project report entitled " **AIRLINE TICKET BOOKING SYSTEM** " is a bona fide work carried out by **MANOJ M** (4VV19IS045)**, MADHAVA P ACHAR** (4VV19IS041) and **MANOHAR S N** (4VV19IS044) students of 6th semester Information Science and Engineering, **Vidyavardhaka College of Engineering, Mysuru** in partial fulfilment for the award of the degree of Bachelor of Engineering in **Information Science & Engineering of the Visvesvaraya Technological University, Belagavi**, during the academic year **2021-2022**. It is certified that all the suggestions and corrections indicated for the internal assessment have been incorporated in the report deposited in the department library. The report has been approved as it satisfies the requirements in respect of mini-project work prescribed for the said degree.

Signature of the Guide	**Signature of the Guide**	**Signature of the HOD**
(Prof. Rakshitha M S)	**(Prof. R Kasturi Rangan)**	**(Dr. A B Rajendra)**

Name of the Examiners	**Signature with Date**
1.	
2.	

ACKNOWLEDGEMENT

The Mini-project would not have been possible without the guidance, assistance and suggestions of many individuals. I would like to express our deep sense of gratitude and indebtedness to each and every one who has helped me to make this project a success.

We heartily thank our beloved Principal, **Dr. B Sadashive Gowda** for his whole hearted support and for his kind permission to undergo the mini-project.

We wish to express our deepest gratitude to **Dr.A B Rajendra**, Head, Department of Information Science & Engineering, VVCE, for his constant encouragement and inspiration in taking up this mini project.

We gracefully thank our mini-project guides, **Prof. Rakshitha M S**, Assistant Professor and **Prof. R Kasturi Rangan**, Assistant Professor, Dept. of Information Science and Engineering for their encouragement and advice throughout the course of the mini-project work.

We also offer our sincere thanks to our family members and friends for their valuable suggestions and encouragement.

MANOJ M (4VV19IS045)

MADHAVA P ACHAR (4VV19IS041)

MANOHAR S N (4VV19IS044)

ABSTRACT

The purpose of Airlines ticket booking system is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. Airlines ticket booking System, as described above, can lead to error free, secure, reliable and fast management system.

It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

TABLE OF CONTENTS

CHAPTERS	PAGE NO
1. INTRODUCTION	
1.1. Motivation	01
1.2 Proposed System	01
1.3 Existing System	01
2. REQUIREMENTS ANALYSIS AND SYSTEM SPECIFICATIONS	
2.1 Software Requirements Specification Document	02
2.2 Validation	02
3. SYSTEM DESIGN	
3.1 Design Approach	03
3.2 Layout Approach	04
4. IMPLEMENTATION	
4.1 Introduction to Programming Languages, IDEs, Tools and Technologies	06
4.2 Layout Implementation	07
5. TESTING	
5.1 Types of Testing	10
5.2 Test cases and its Result	11
6. SNAPSHOTS	12
7. FUTURE WORK	17
CONCLUSION	18
BIBLIOGRAPHY	19

LIST OF FIGURES AND TABLES

Figure numbers	Figure names	Page numbers
Fig 3.1.1	Use-Case Diagram	03
Fig 3.2.1	Layout Design-Home Screen	04
Fig 3.2.2	Layout Design-Student Registration Screen	04
Fig 3.2.3	Layout Design-Faculty Registration Screen	04
Fig 3.2.4	Layout Design-Add Timetable Screen	04
Fig 3.2.5	Layout Design-Student Dashboard Screen	05
Fig 3.2.6	Layout Design-Faculty View Screen	05
Fig 3.2.7	Layout Design-Student Profile Screen	05
Table 5.2.1	Tests-Testcases and Results	11
Fig 6.0.1	Snapshots-Home Screen	12
Fig 6.0.2	Snapshots-Admin Login Screen	12
Fig 6.0.3	Snapshots-Student Registration Screen	13
Fig 6.0.4	Snapshots-Faculty Registration Screen	13
Fig 6.0.5	Snapshots-Faculty Login Screen	14
Fig 6.0.6	Snapshots-Add Timetable Screen	14
Fig 6.0.7	Snapshots-Faculty View Timetable Screen	15
Fig 6.0.8	Snapshots-Student Login Screen	15
Fig 6.0.9	Snapshots-Student View Timetable Screen	16
Fig 6.0.10	Snapshots-Student Profile Screen	16