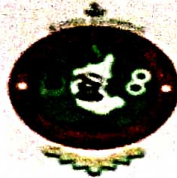


**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

JNANA SANGAMA CAMPUS, BELAGAVI-590018



**MINI PROJECT REPORT**

**OF**

**AIRLINE RESERVATION MANAGEMENT SYSTEM**

**Submitted by**

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**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING  
ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**

**MOODBIDRI- 574225, KARNATAKA**

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**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**  
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**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

**CERTIFICATE**

*Certified that the mini project work entitled "AIRLINE RESERVATION MANAGEMENT" is a bonafide work carried out by*

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in partial fulfillment for the award of **BACHELOR OF ENGINEERING** in **INFORMATION SCIENCE AND ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM** during the year 2023-2024 It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

  
**Dr.SUDHEER SHETTY**  
Project Guide

  
**Dr.SUDHEER SHETTY**  
Head of Department



## Abstract

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The Airline Reservation System project aims to develop a comprehensive and efficient software system for managing airline reservations. The project's primary objective is to design and implement a file structure that supports the storage and retrieval of airline reservation data. This involves creating an organized and optimized data storage mechanism to handle large volumes of reservation information, such as passenger details, flight schedules, seat availability, and booking records. To achieve this objective, the project adopts a file structure approach, which involves structuring and organizing the data within files and directories. The chosen file structure aims to optimize data access, minimize storage space requirements, and ensure efficient retrieval and modification of reservation data.

Furthermore, the project aims to enhance the overall user experience by implementing intuitive user interfaces and incorporating features such as real-time seat availability updates and secure payment processing. These enhancements will enable customers to easily book flights, select preferred seats, and make payments securely through the system.