

### A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering
Data Science



### **AIRWINGS**

# Smooth Skies, Simple Bookings

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### Project Guide – Prof. Vaibhav Yavalkar

Introduction

Objectives

□ Scope

Features / Functionality

Project Outcomes

Technology Stack

### 1. Introduction

Welcome to our presentation on the AIRWINGS!

In today's fast-paced world, traveling by air is more popular than ever. However, managing flight bookings can often be a complex and frustrating process for both airlines and passengers.

Our AIRWINGS aims to simplify this experience by improving booking efficiency and enhancing the overall travel experience.

### **Problem Identified:-**

Flight bookings can be confusing and time-consuming for passengers, with issues like complex processes, checking availability, and cumbersome cancellations.

- •Simplify booking process for passengers and staff.
- •Make flight availability easy to check.
- •Streamline ticket cancellations and changes.
- •Reduce time and confusion during bookings.

### 2.Objectives

- •To create a straightforward and easy-to-navigate platform for all users.
- •To allow passengers to easily cancel or change their bookings.
- •To optimize flight scheduling and resource allocation to minimize delays.
- •To ensure safe and hassle-free navigation for customers.

## 3. <u>Scope</u>

- 1) Designed for use by regular travelers.
- 2)Includes Business Personnel and Corporate Employees.
- 3) Caters to Religious Pilgrim travelers.
- 4)Serves Budget and Leisure travelers.
- 5) Offers relevant applications for each traveler type.

# 4. Features / functionality

#### 1) User-Friendly Interface:

Easy navigation for passengers to book a flight.

#### 2) Flight Booking

Simple process for searching and booking flights.

#### 3) Availability:

Access to all domestic and international flights and seat availability.

#### 4) Booking Confirmation:

PNR would be given to the customer ASAP after booking and ticket confirmation.

#### 5) Cancellation

Easy options for cancelling bookings.

#### 6)Passenger Management

Store and manage passenger details for future bookings,

# 5.Outcome of Project

- 1) Easy to use User Interface and Straightforward interface.
- 2) User will have user- passenger satisfaction and service delivery.
- 3) User data handling and storage of passenger information.
- 4)User will be having increased efficiency and hassle free bookings.

## 6) Technology Stack

1)Java

2)MySQL(Backend)

Thank you for your attention!