CR7 AIRLINES MANAGEMENT SYSTEM

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Project Guide
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1. Introduction

An Airline Management System project typically involves developing a system or software to manage various aspects of airline operations efficiently.This can include flight scheduling ,booking,cancellation.

- **PROBLEM IDENTIFIED:**

1. **Data Management:** Not Handling Passenger data efficiently and not storing .

2. **No proper Admin Dashboard:**No new flight availability updation in flight info .

- **SOLUTION PROPOSED**:

1. **Admin Dashboard:**

   Airline staff can manage flight schedules.

2. **Customer Account Management:**

   Creation of customer profiles to store data systematically.

2. Objectives

- To provide a user-friendly platform for booking, modifying, and canceling flights.

- To Securely store and manage customerprofiles, preferences, and booking details.

- To provide a user search bar to search and book flights basedon destination and select date.

- To provide the list of flights using table format .

3. Scope

- Can be applied for seamless online booking

- Can be applied for flight scheduling

- Can be applied for government growth in aviation

4. Features:

- **Online Booking:**

  Enable passengers to book flights through Online.

- **Booking Management:**

  Modify, cancel, and update passenger booking.

- **User Registration:** Option to register users for account creation, storing personal information for future bookings.

- **Admin Panel:** For managing flights, prices, and customer data.

- **Ticket Confirmation:** After booking, users receive confirmation details like booking reference, seat assignment, and payment details.
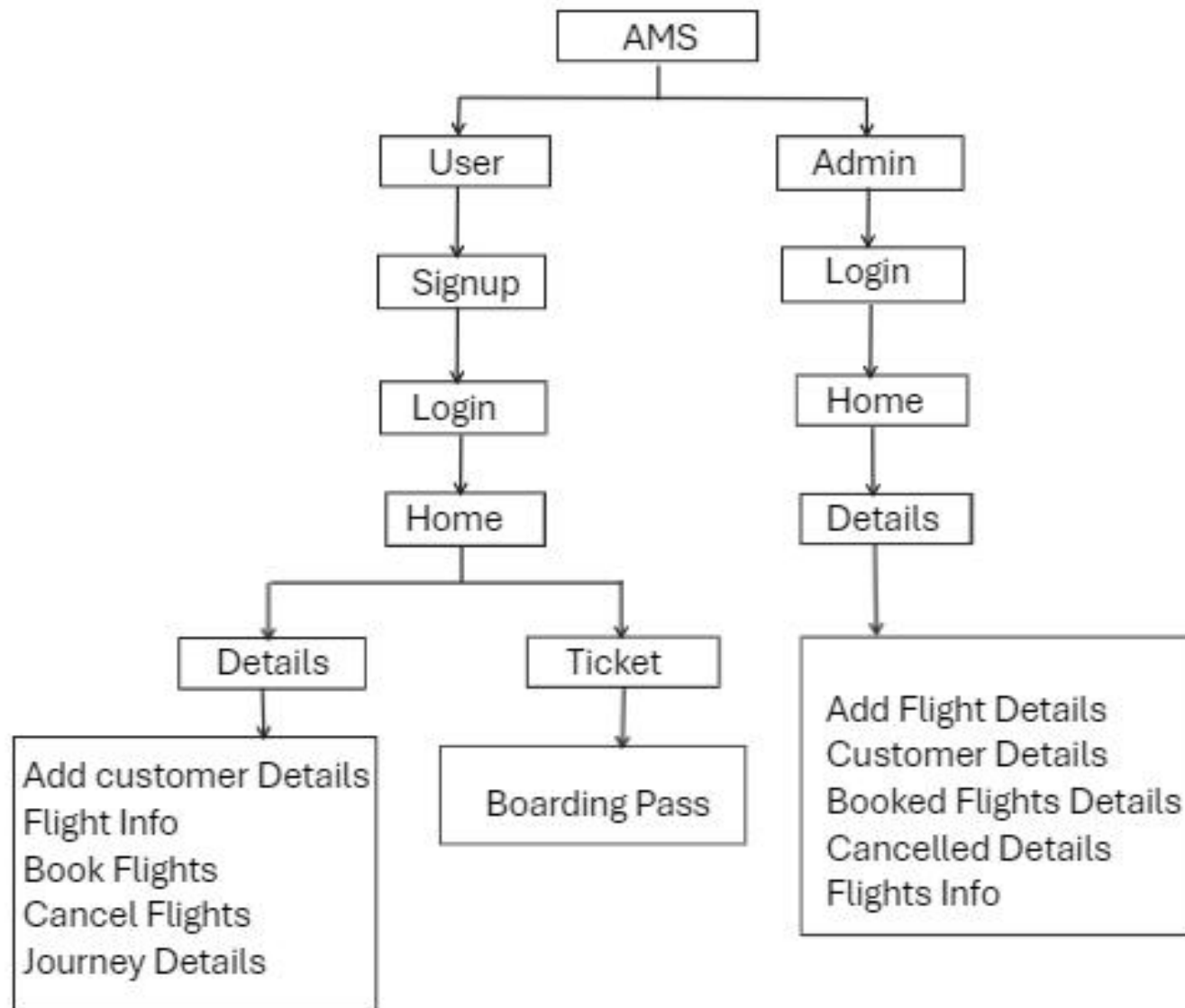
5. Outcome of Project

- **User can create account or login** to existing account to access personalized data and manage their reservations .

- **User can view detailed information** about Flight avability specifications ,service.

- **User can book** and cancel ticket by providing following input

- 1.Book Flight

- 2.Cancel Flight

- **Improved customer experience** by providing an easy-to-use platform for viewing and booking flights.

6. Technology Stack

1. Database:MYSQL 8.0 CE

2. Java development kit

3. Net beans Apache 19

7. Block Diagram

Thank You...!!