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1. Introduction

The Airline Management System is a platform developed for the 9 major scheduled airlines operating in India, which enables them to store and manage flight data. With this system, the airlines can add new flight details, such as flight ID, departure and arrival time and flight routes. Airlines can manage passenger data.

2. Objectives

1. To provide a certain amount of automation with this airline management system.

2. To help airlines make their business more efficient and a reliable structure that can handle a large number of flight data.

3. To manage passenger data by providing ticket booking and ticket cancellation.

4. To provide accurate information about the addition and modification of flight records.

3. Feature /Functionality

1. Admin can add and delete airlines as per requirement.

2. As a user, the airline can add and delete flight information.

3. Airlines can view stored flight data in a tabular format.

4. Airlines can help passengers with ticket booking as well as ticket cancellation using ticket ID.

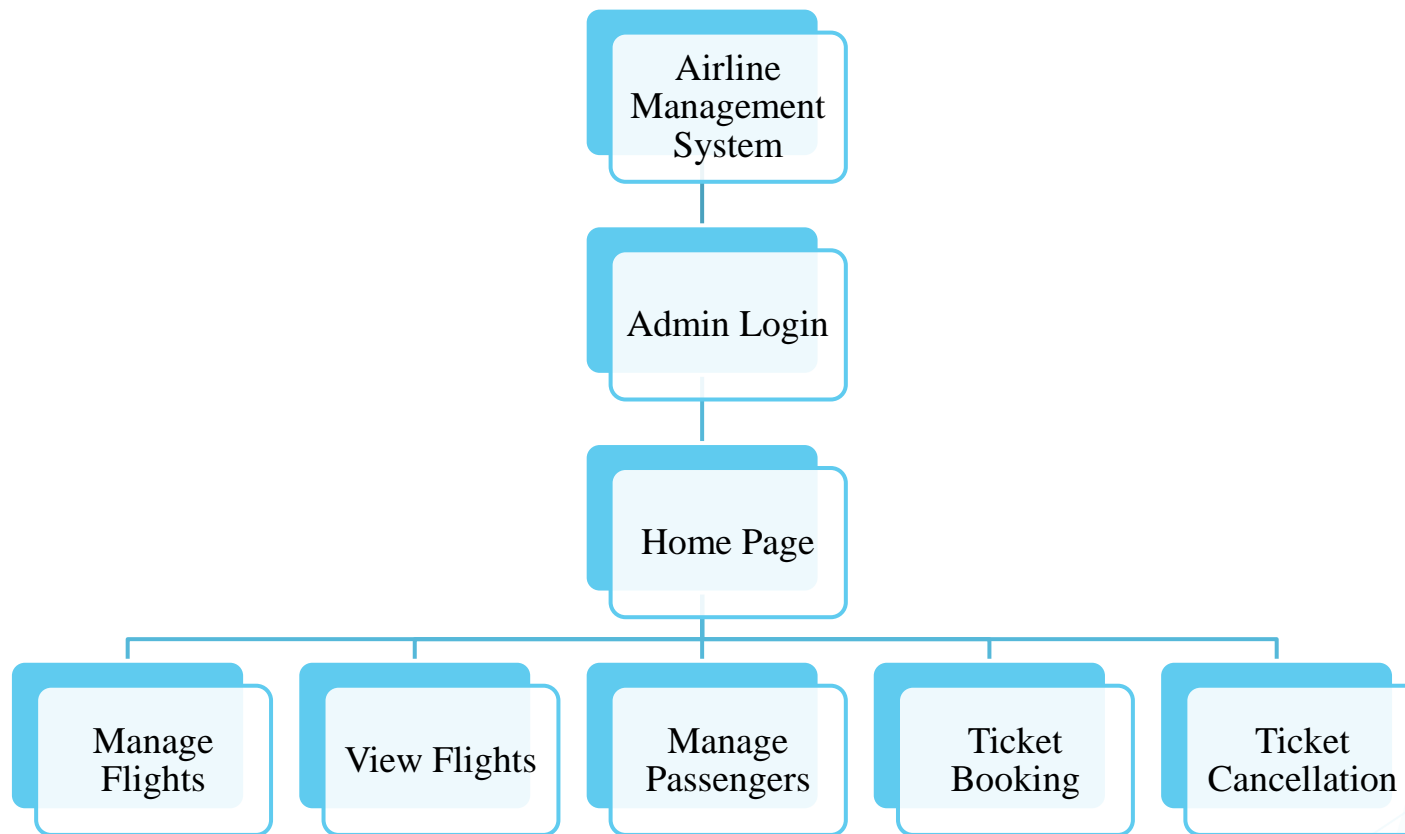5. Admin can manage passengers by inserting, updating and deleting the same.

4. Project Outcome

1. User can sign in once they are registered as a verified airline by the admin

2. As a user, the airline can add flight information such as flight details and departure information.

3. Airlines can manage passengers as per requirement and delete their respective user account if any violation is found.

4. Respective airlines can also view saved flights in tabular format.

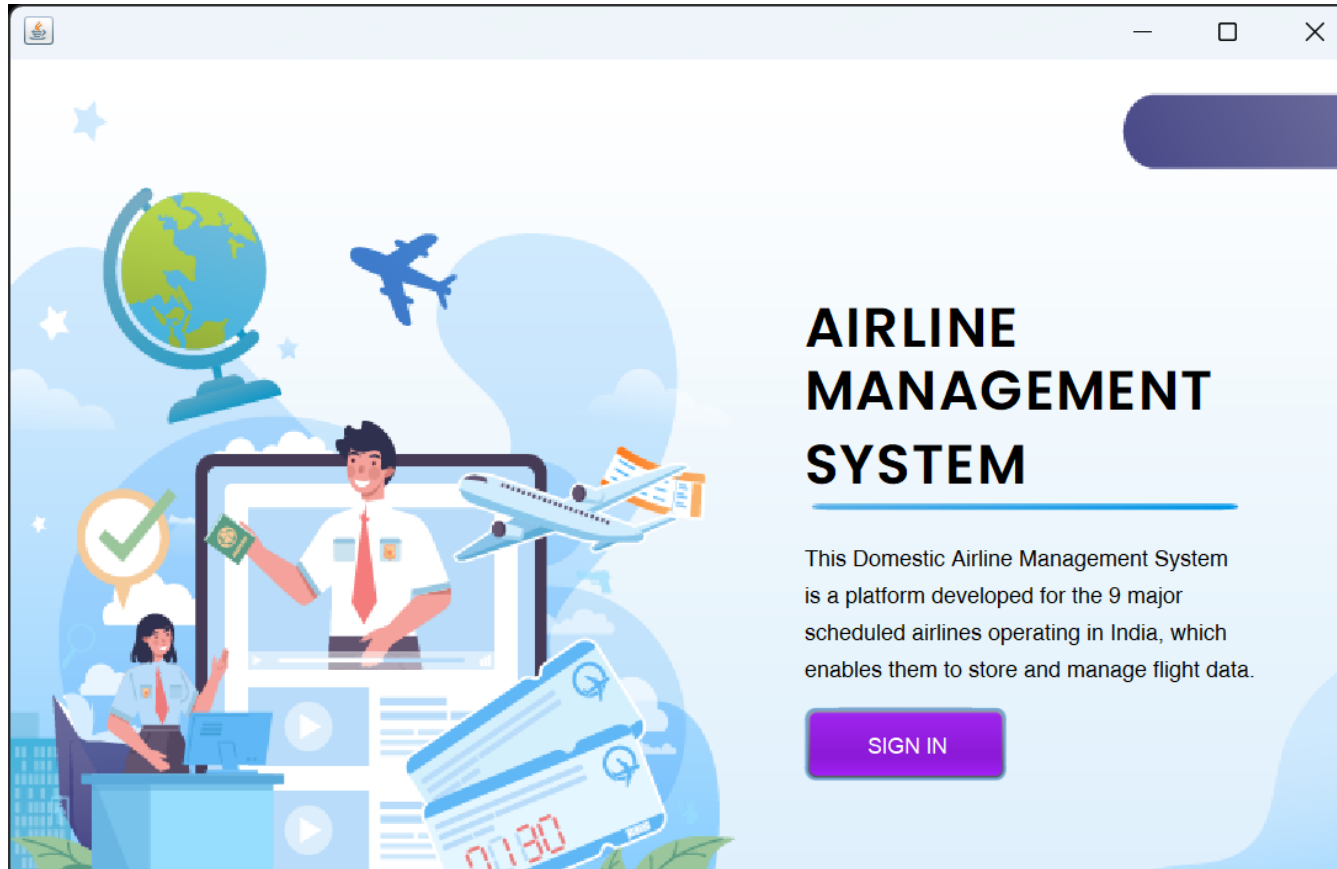5. Airlines can help the users in the process of ticket booking and ticket cancellation.

5. Technology Stack

1. Java JDK 18.0.1

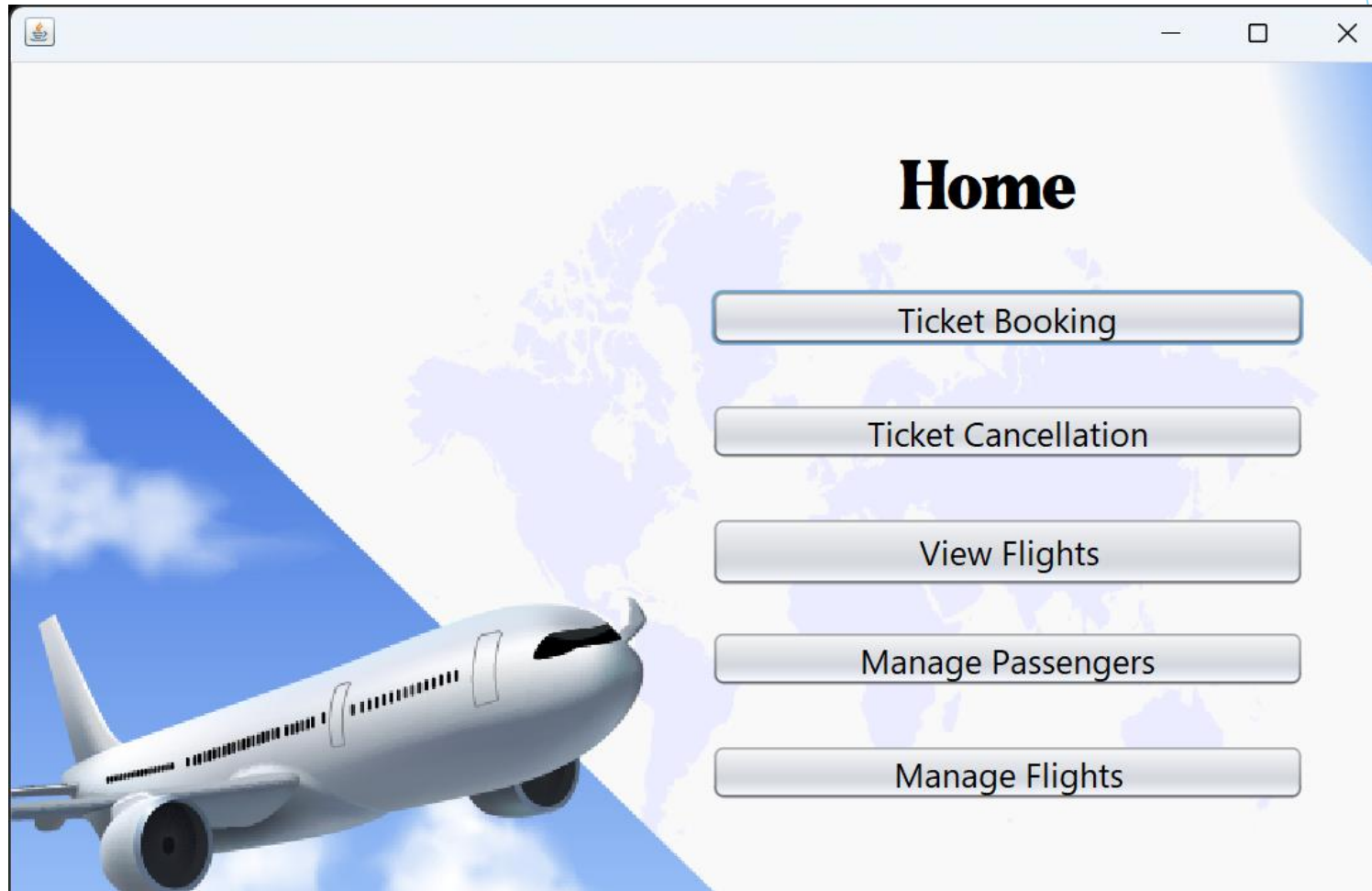2. NetBeans IDE 14

3. MySQL Workbench 8

6. Block Diagram

7. Output of Project

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8. Conclusion

To sum things up, we have created an admin-based system for the domestic airlines of India to help them manage flight information and passenger data as well as to ease the process of ticket booking and ticket cancellation.

Thank You!