**Airline Ticket Booking System - Project Description**

**Team Members**

This project was developed by the following team members:

* Youssef Badry Abdelhamed
* Kareem Mohamed Mohamed
* Ahmed Yasser

**Introduction**

The Airline Ticket Booking System is a web-based project developed using the ASP.NET MVC framework with the aim to automate flight bookings for customers. The project allows users to search for available flights, make bookings, and complete payments. It also includes an admin dashboard for managing users, flights, and bookings efficiently.

**Technologies Used**

The project uses the following technologies:

* ASP.NET Core MVC
* Entity Framework Core
* Microsoft SQL Server
* Bootstrap for Frontend Design
* HTML, CSS, JavaScript
* LINQ and Lambda Expressions

**Features**

1. **User Registration and Login:**  
   Users can register, log in, and manage their profiles.
2. **Flight Search and Booking:**  
   Users can search for flights by origin, destination, and date, book tickets, and select seats.
3. **Payment Processing:**  
   Users can complete the booking process by paying using a credit card or PayPal.
4. **Admin Dashboard:**  
   Admin users can manage flights, users, and bookings. They can add, edit, or delete flights and user accounts.

**Admin Dashboard**

The Admin Dashboard includes tools for managing both users and flights. Admin can add new flights, view all flights, and update flight details. Additionally, they can manage user accounts by viewing, deleting, or updating user information.

**User Profile**

Each user has a profile page that shows their personal information and past flight bookings. They can also view their flight history, which includes details like flight number, booking date, total price, and flight status. They can cancel their bookings