

Airline Management System

Group Members:

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Features:

User Features:


1. User login system
2. Home page
3. Search flight
4. Book a flight
5. Get ticket
6. Update booking & Get new ticket

Admin Features:

1. View flights & Sorting filters
2. Add a flight
3. Update flight
4. Delete flight
5. View booking & Sorting Filters

A) User Login:

1. Create account:



Create your AAA account


Name

Password

Create an account

Enter a name and password

2. Login:



Log in to your AAA account

Name

Password

Login

Login if account is already made.

B) Booking a flight:

1. Enter flight details:

From

Lahore

TO

☒ One way

12/31/2023

Monday

Travel class

Economy

Find Flights

- Select a origin and destination city
- Enter your departure date and day
- Enter travel class (economy or business)
- Find your flight

2. Select which flight to book:

Available Flights						
Flight No	Origin	Destination	Day	Departure Time	Arrival Time	Book
AAA340	Lahore	Islamabad	Wednesday	12	13	Book
AAA712	Lahore	Islamabad	Wednesday	17	18	Book

Select a flight to book (if available)

3. Enter Passenger Details:

First name

ahmad

Last name

mustafa

☒ Male

☐ Female

Phone Number

12321312312

Submit Details

Enter the passenger details accordingly.

4. Payment:

Enter your Card Number

Your Card Number must be 15 characters long, contain only numbers, and must not contain special characters or emoji.

Pay

Enter credit card details.

5. Ticket:

Ticket No: 14

AAA Airlines

Date Issued: 2023-12-31

Passenger:

ahmad mustafa

Flight No:

AAA340

Flight Date:

2024-01-02

Flight class:

Economy

Origin:

Lahore

12

Destination:

Islamabad

13

Booking Reference:

687

C) Manage Booking:

1. Enter last name & booking reference:

Last name	mustafa	Booking reference	687
<input type="button" value="Search"/>			

2. Update booking:

Ticket No	Booking Reference	First Name	Last Name	Gender	Phone Number	Submit
14	687	<input type="text" value="awwab"/>	<input type="text" value="samad"/>	<input type="text" value="Male"/>	<input type="text" value="2198379123"/>	<input type="button" value="Submit"/>

3. Get updated ticket:


Ticket No: 14		
AAA Airlines		Date Issued: 2023-12-31
Passenger:	awwab samad	
Flight No:	AAA340	
Flight Date:	2024-01-02	
Flight class:	Economy	
Origin:	Lahore	12
Destination:	Islamabad	13
Booking Reference:	687	

D) View Today's Flights:

28 December 2023 10:51pm					
Flight No	Origin	Destination	Departure Time	Arrival Time	Flight Status
AAA304	Lahore	Peshawar	11am	12pm	Landed
AAA524	Lahore	Jeddah	11am	4pm	Landed
AAA414	Karachi	Dubai	12pm	4pm	Landed
AAA305	Peshawar	Lahore	1pm	2pm	Landed
AAA525	Jeddah	Lahore	5pm	10pm	Landed
AAA415	Dubai	Karachi	6pm	10pm	Landed

E) Admin Panel:

1. Login with admin password (admin123):



Admin Login

Login

2. View flights with sorting filters:

View Flights

Add a Flight

Update a Flight

Delete a Flight

View Bookings

Select Day:

Wednesday

Sort by:

Departure Tim

Filter

Flight No	Origin	Destination	Departure Time	Arrival Time	Flight Status	Economy	Business
AAA836	Karachi	Dubai	10am	2pm	On Time	Rs 67842	Rs 117028
AAA340	Lahore	Islamabad	12pm	1pm	On Time	Rs 11375	Rs 19856
AAA341	Islamabad	Lahore	2pm	3pm	On Time	Rs 11375	Rs 19856
AAA712	Lahore	Islamabad	5pm	6pm	On Time	Rs 11375	Rs 19856
AAA837	Dubai	Karachi	6pm	10pm	On Time	Rs 67842	Rs 117028
AAA713	Islamabad	Lahore	8pm	9pm	On Time	Rs 11375	Rs 19856

3. Add a new flight:

Add New Flight

Flight No:

Origin:

Destination:

Day of the Week:

Sunday ▾

Departure Time:

4. Update a flight:

Update Flight

Flight No:

Origin:

Destination:

Day of the Week:

Wednesday ▾

Departure Time:

5. Delete a flight:

Delete a Flight

Enter Flight No:

AAA340

Delete Flight

6. View all bookings with sort filters:

View Flights

Add a Flight

Update a Flight

Delete a Flight

View Bookings

Sort By:

Ticket Number

Filter

Ticket No	Booking Reference	First Name	Last Name	Flight No	Origin	Destination	Flight Date	Flight Class	Phone Number
8	888	awwab	samad	AAA340	Lahore	Islamabad	2024-01-03	Economy	2147483647
9	409	first	last	AAA304	Lahore	Peshawar	2024-01-04	Economy	1234567890
10	650	firstname	lastname	AAA224	Islamabad	Karachi	2024-02-02	Economy	2147483647

Database Schema:



ER Diagram:

