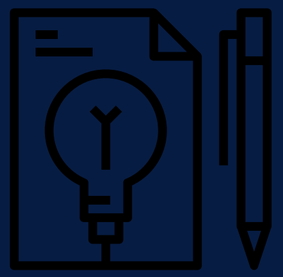
DJANGO (ITW 2)

AIRLINE MANAGEMENT SYSTEM

Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel.

ITW (Informatiion Technology Workshop)

Ishika Banerjee(21075107)
Sudhanshu Ranjan(21074036)

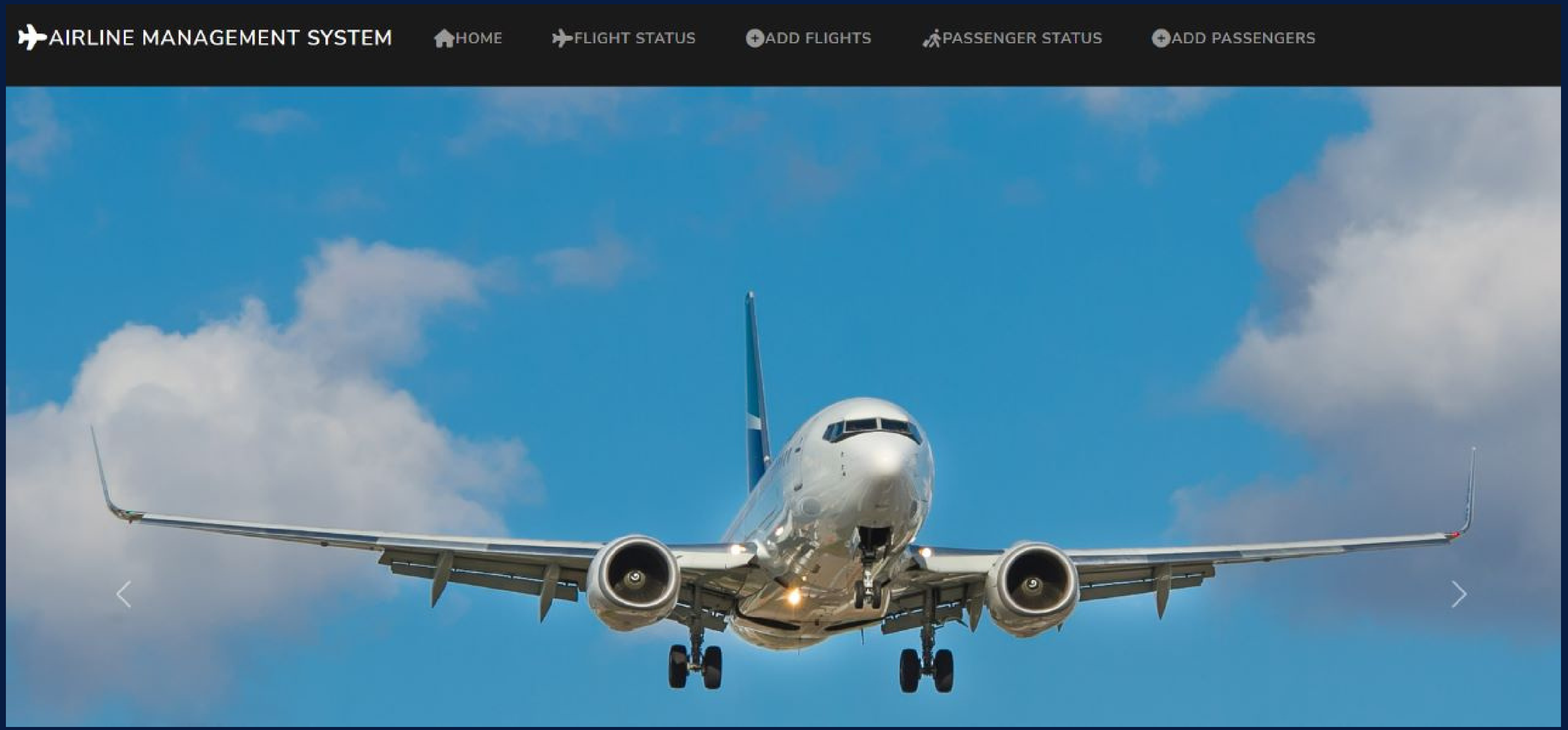


Project in Django

We have used django to create a website for Airline management system

- An Airline Management System is a managerial software which targets to control all operations of an airline. All operations of an airline company are controlled by their airline management system.
- On this airline management system website, we provide services for the airline company to view and edit details related to their database.

HOME PAGE


AIRLINE MANAGEMENT SYSTEM
HOME
FLIGHT STATUS
ADD FLIGHTS
PASSENGER STATUS
ADD PASSENGERS

HOME PAGE

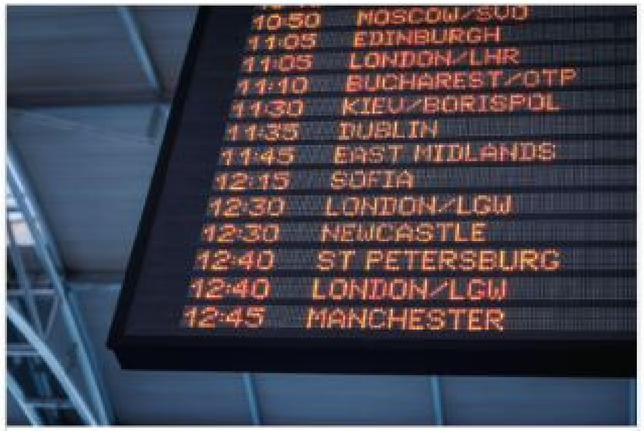
Our home page has a navigation bar containing 4 tabs:

- HOME
- FLIGHT STATUS
- ADD FLIGHTS
- PASSENGER STATUS
- ADD PASSENGERS

We have added a Carousel and cards which tell us about the functions which we can perform on our website.

Services available on our site:

WHAT YOU CAN DO?



View Flights

9 mins

Edit Flights

9 mins

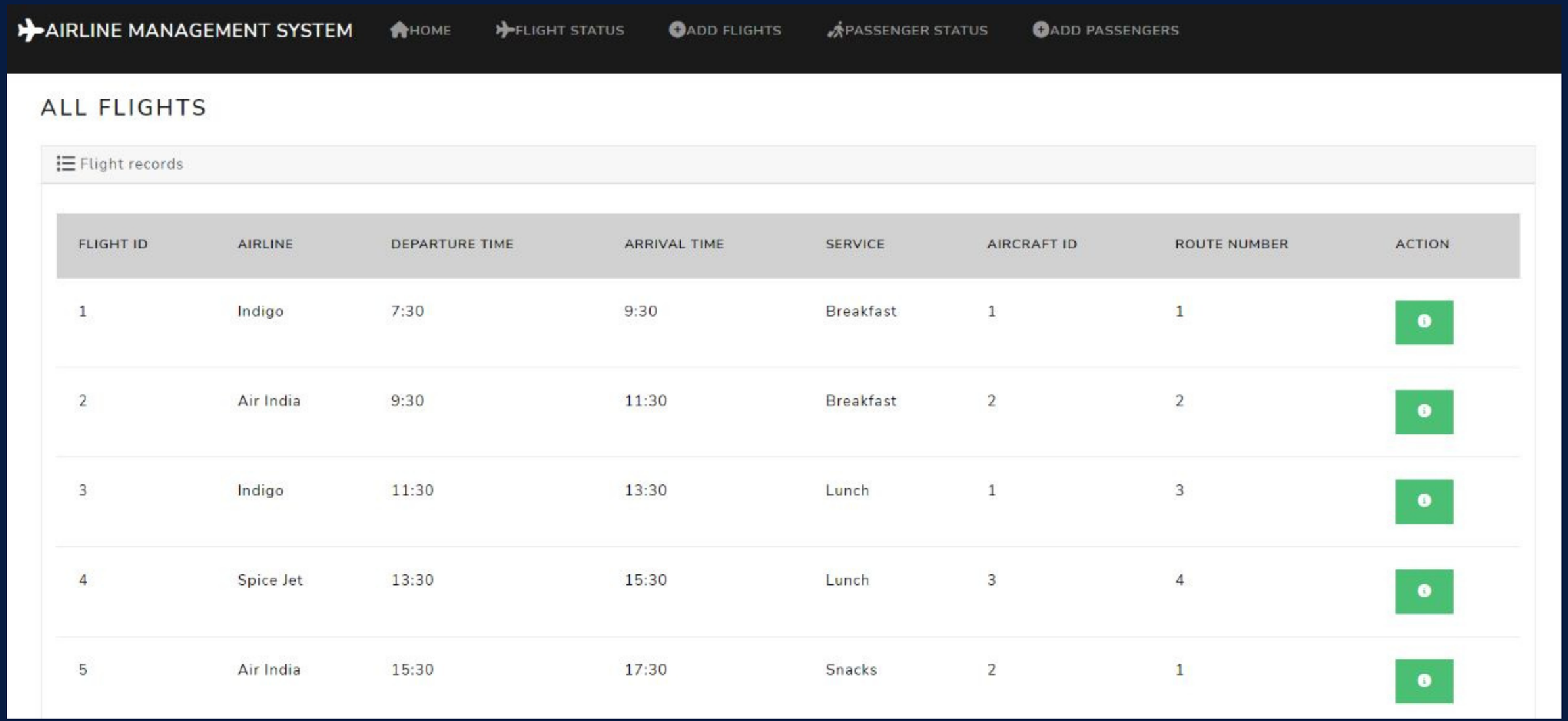
View Passengers

9 mins

Edit Passengers

9 mins

FLIGHT STATUS



Flight status tab

Flight status tab contains a table that shows the flight records of all flights. It includes the following data:

- Flight ID
- Airline
- Departure time
- Arrival time
- Service
- Aircraft ID
- Route number
- Action

One action tab is also included for the user to view the details of the particular flight by clicking the Green Button.

PASSENGER STATUS

AIRLINE MANAGEMENT SYSTEM | HOME | FLIGHT STATUS | ADD FLIGHTS | PASSENGER STATUS | ADD PASSENGERS

ALL PASSENGERS

Passenger records

PASSENGER ID	PASSENGER NAME	FLIGHT NAME	CHECK-IN STATUS	ACTION
1	Simran Sharma	Vistara	Yes	
2	Sayali Borse	Air India	Yes	
3	Tanishka Sinha	Spice Jet	Yes	
4	Priya Rathore	Indigo	No	
5	Himanshu Ranjan	Air India	No	

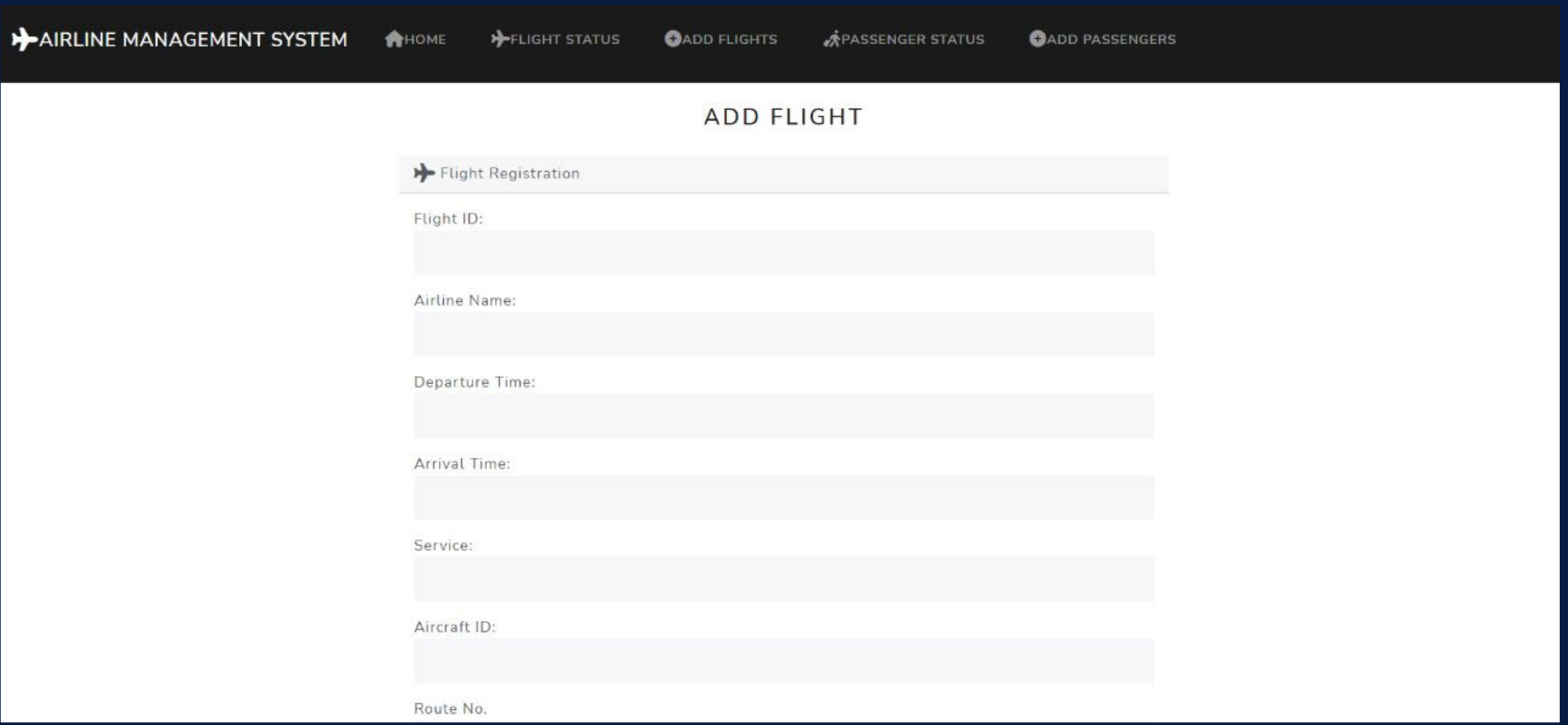
PASSENGER STATUS TAB

In passengers status tab we have included details of all the passengers using the flights. It contains the following data:

- Passenger ID
- Passenger name
- Flight Name
- Check in status

One action tab is also provided for the user to check the details of a particular passenger.

ADD FLIGHT


AIRLINE MANAGEMENT SYSTEM
HOME
FLIGHT STATUS
ADD FLIGHTS
PASSENGER STATUS
ADD PASSENGERS
ADD FLIGHT
Flight Registration
Flight ID:
Airline Name:
Departure Time:
Arrival Time:
Service:
Aircraft ID:
Route No.

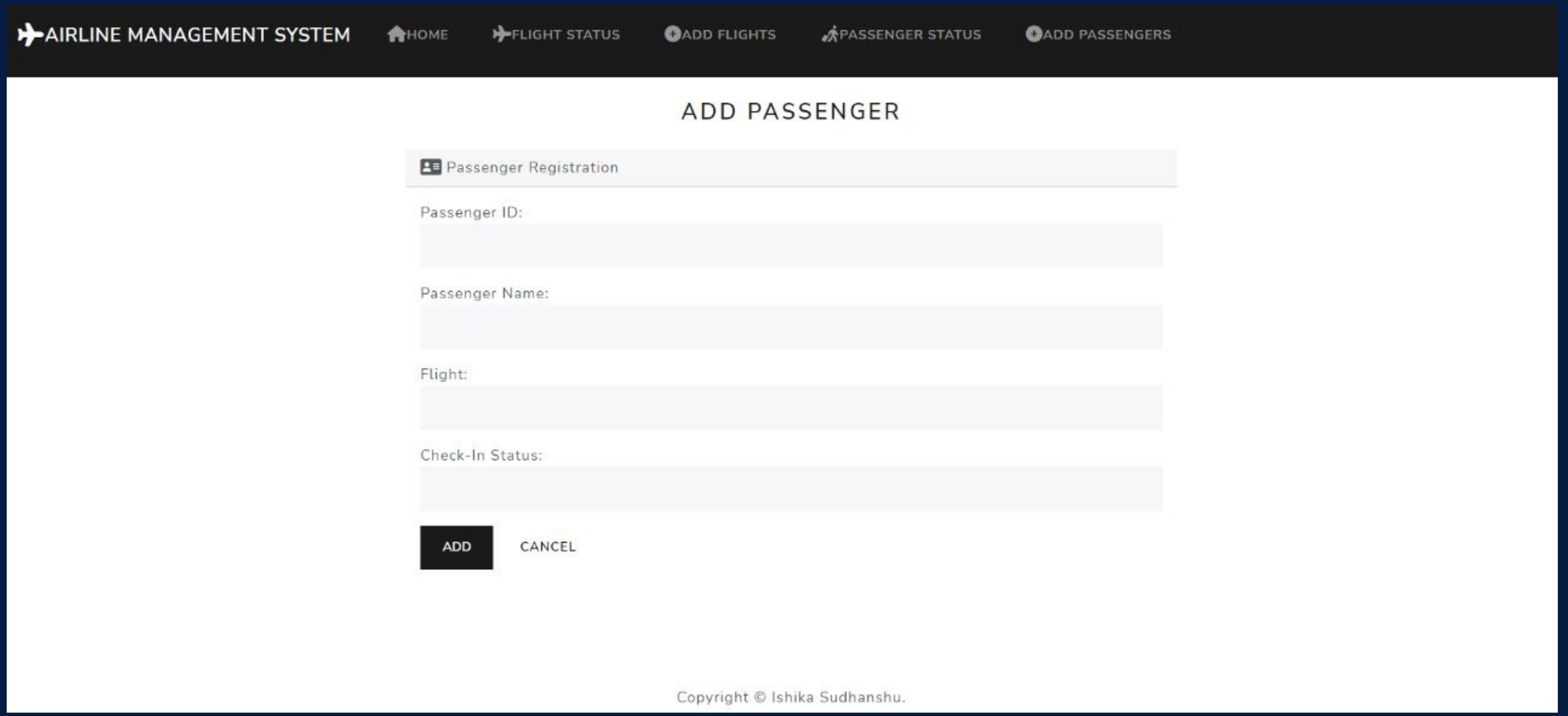
ADD FLIGHT TAB

ADD FLIGHT tab is the user interface tab where the airline company can add more flights

Add flight tab contains 7 columns to be filled by the user. These are:

- FLIGHT ID
- AIRLINE NAME
- DEPARTURE TIME
- ARRIVAL TIME
- SERVICE
- AIRCRAFT ID
- ROUTE NUMBER

ADD PASSENGER



ADD PASSENGER TAB

It is also a user interface tab which can be used to add details of new passengers who have booked flight tickets through this company.

The details of the passengers are to be filled in the respective columns:

- Passenger ID
- Passenger Name
- Flight
- Check-In status

Thank You