


# HawkAir

## Airline Database System

Jacob Seedorff  
Piotr Smietana  
Sriram Srinivasan

CS:4400  
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### Welcome to HawkAir!

Use this panel to book a round or one way trip, look up your trips, and check a flight status.

[Round trip](#) [One way](#) [Your Trip](#) [Flight Status \(Date\)](#) [Flight Status \(Number\)](#)

**From**

**To**

**Number of Passengers**

**Depart**

**Return**

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### News

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Save and earn up to 25,000 bonus miles when you book your flight and hotel together! MileagePlus is your ticket to the world, with the most ways to earn and use miles and the most award destinations of any U.S. airline loyalty program. Now all you need is more vacation days.

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Save up to 35% off base rates and earn miles. Reserve a car today! No matter the destination, enjoy a trip that delivers more savings. Save up to 30% off of Budget base rates and earn 1,000 AAdvantage bonus miles when you rent for 4 or more days.

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New service to Krakow from Chicago O'Hare start May 7. Search and book your flights! Pack your bags and explore Europe! Take advantage of great fares and low exchange rates and save first on flights and again on hotels, dining and shopping when you get there.

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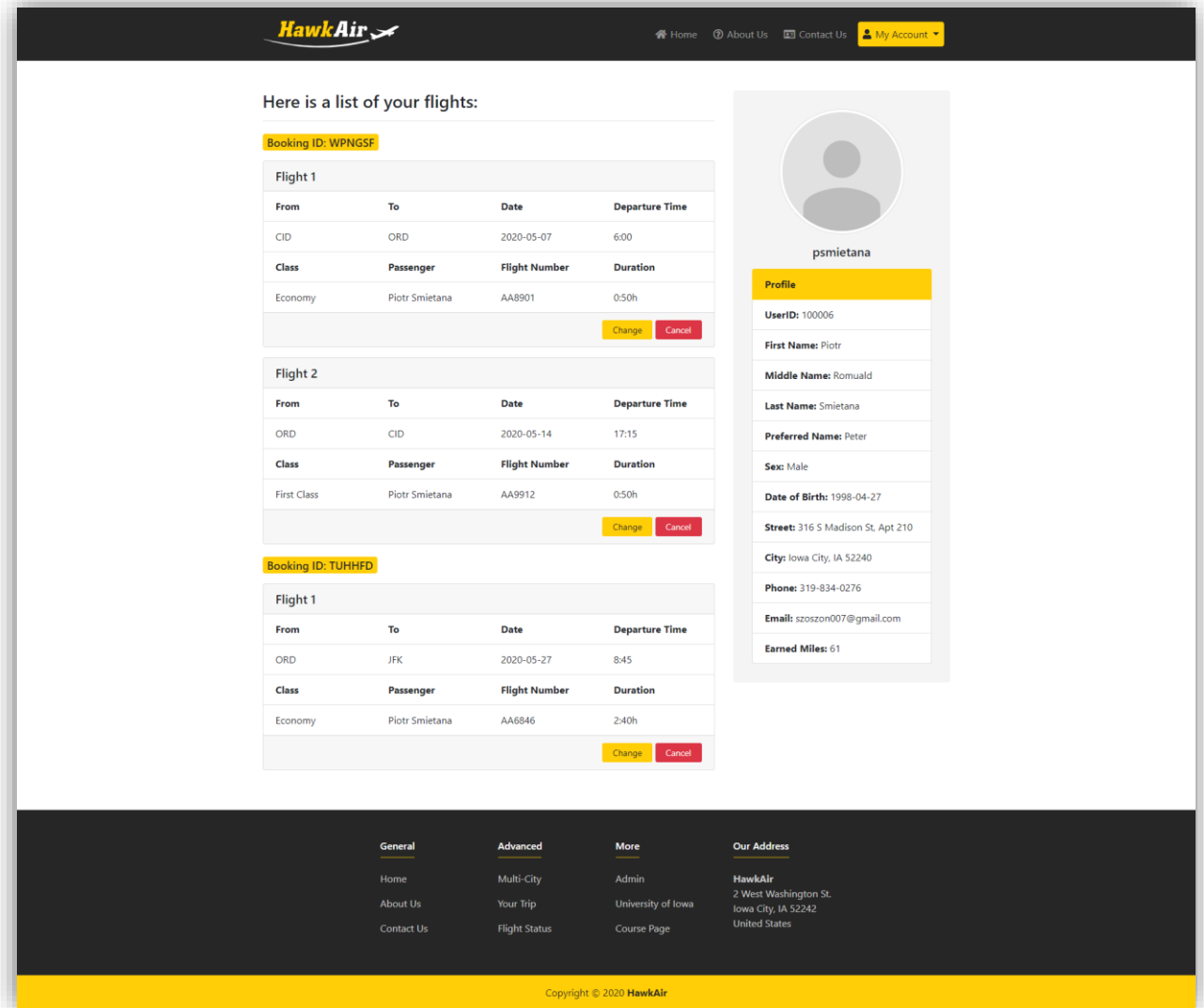
Our Address

**HawkAir**  
2 West Washington St.  
Iowa City, IA 52242  
United States

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# Technologies

- MySQL
- Python
- Flask
- Bootstrap
- HTML / CSS
- JavaScript



# Process

- We worked regularly throughout the semester
- We communicated using WhatsApp and we used GitHub to collaborate together
- Our biggest strength was teamwork. Everyone wanted to learn something and build a cool database system
- Thanks to great communication, working remotely was not a big challenge for us. We just had to move our weekly meetings to Zoom
- We were splitting the workload evenly among each other

# Features

- One-way flights
- Round trip flights
- Multi-city flights
- Your trips / Dashboard
- Flight status
- News
- About us
- Contact us
- Login
- Register
- Admin panel
- Payments
- Multiple passengers
- Mileage program
- Email notifications
- Customer support
- Trip cancellation
- Trip change
- SHA-2 encryption
- Forgot username
- Forgot password
- CRUD

# Summary

- ✓ Simple
- ✓ Easy to use
- ✓ High performance
- ✓ Data consistency
- ✓ Secure (SHA-2, JWT)
- ✓ Robust design
- ✓ Data driver approach
- ✓ Concurrency

The screenshot displays the HawkAir website's booking confirmation page. The header features the HawkAir logo and navigation links: Home, About Us, Contact Us, and My Account. The main content area begins with a confirmation message: "Thank you. Your booking is now confirmed!". Below this, the "Booking ID: WPNGSF" is shown. The page lists two flights, Flight 1 and Flight 2, each with a table of details. Flight 1 is an Economy class flight from CID to ORD on 2020-05-07, departing at 6:00, with a duration of 0:50h. Flight 2 is a First Class flight from ORD to CID on 2020-05-14, departing at 17:15, with a duration of 0:50h. To the right of the flight details, a "Next Steps" section offers options to Print, Email, or access the Dashboard. The footer contains a grid of links categorized under General, Advanced, More, and Our Address, along with the HawkAir address: 2 West Washington St., Iowa City, IA 52242, United States. A copyright notice for 2020 HawkAir is at the bottom.

**HawkAir**

Home About Us Contact Us My Account

Thank you. Your booking is now confirmed!

Booking ID: WPNGSF

Next Steps:

- Print
- Email
- Dashboard

Flight 1			
From	To	Date	Departure Time
CID	ORD	2020-05-07	6:00
Class	Passenger	Flight Number	Duration
Economy	Piotr Smietana	AA8901	0:50h

Flight 2			
From	To	Date	Departure Time
ORD	CID	2020-05-14	17:15
Class	Passenger	Flight Number	Duration
First Class	Piotr Smietana	AA9912	0:50h

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