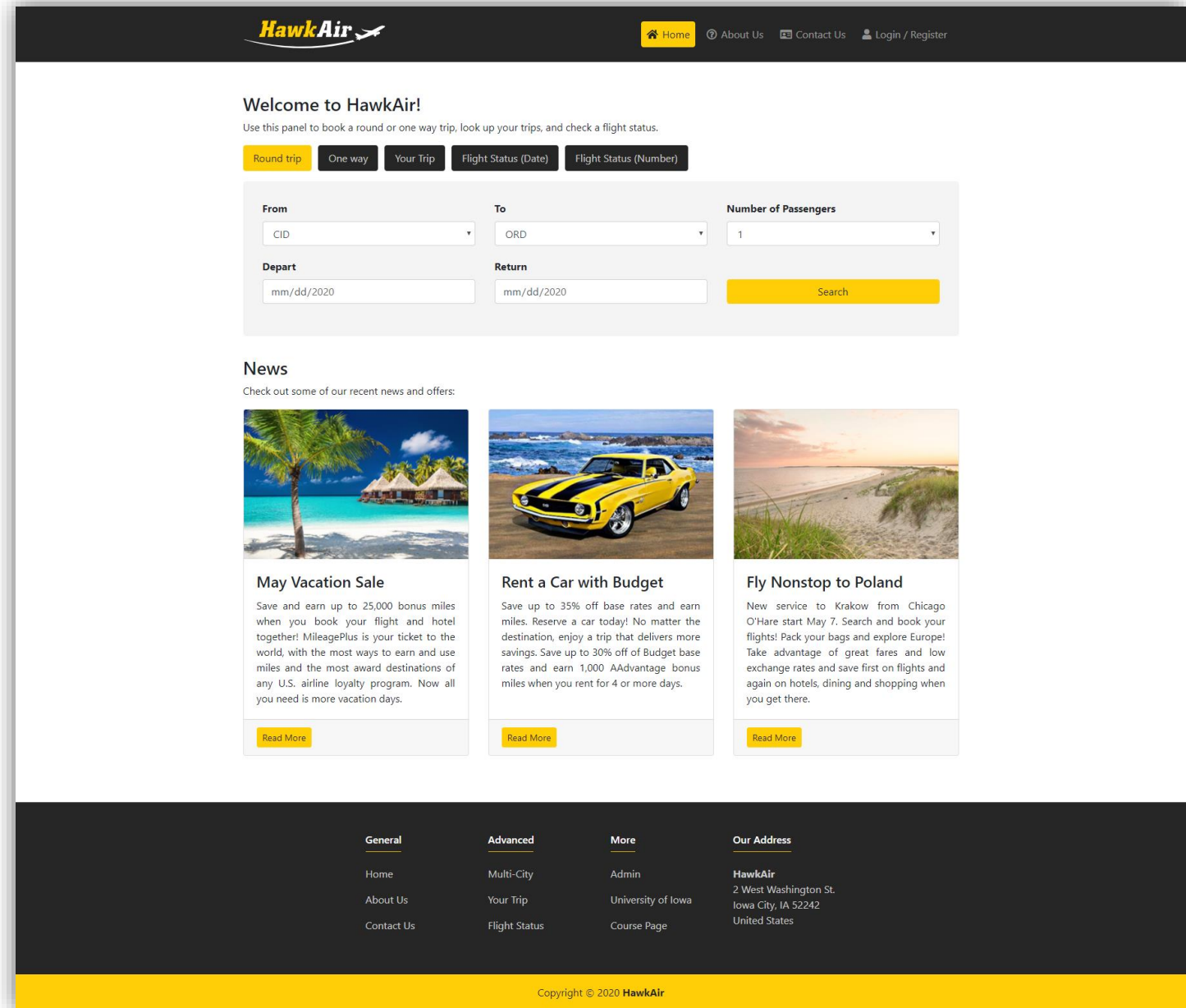


HawkAir

Airline Database System

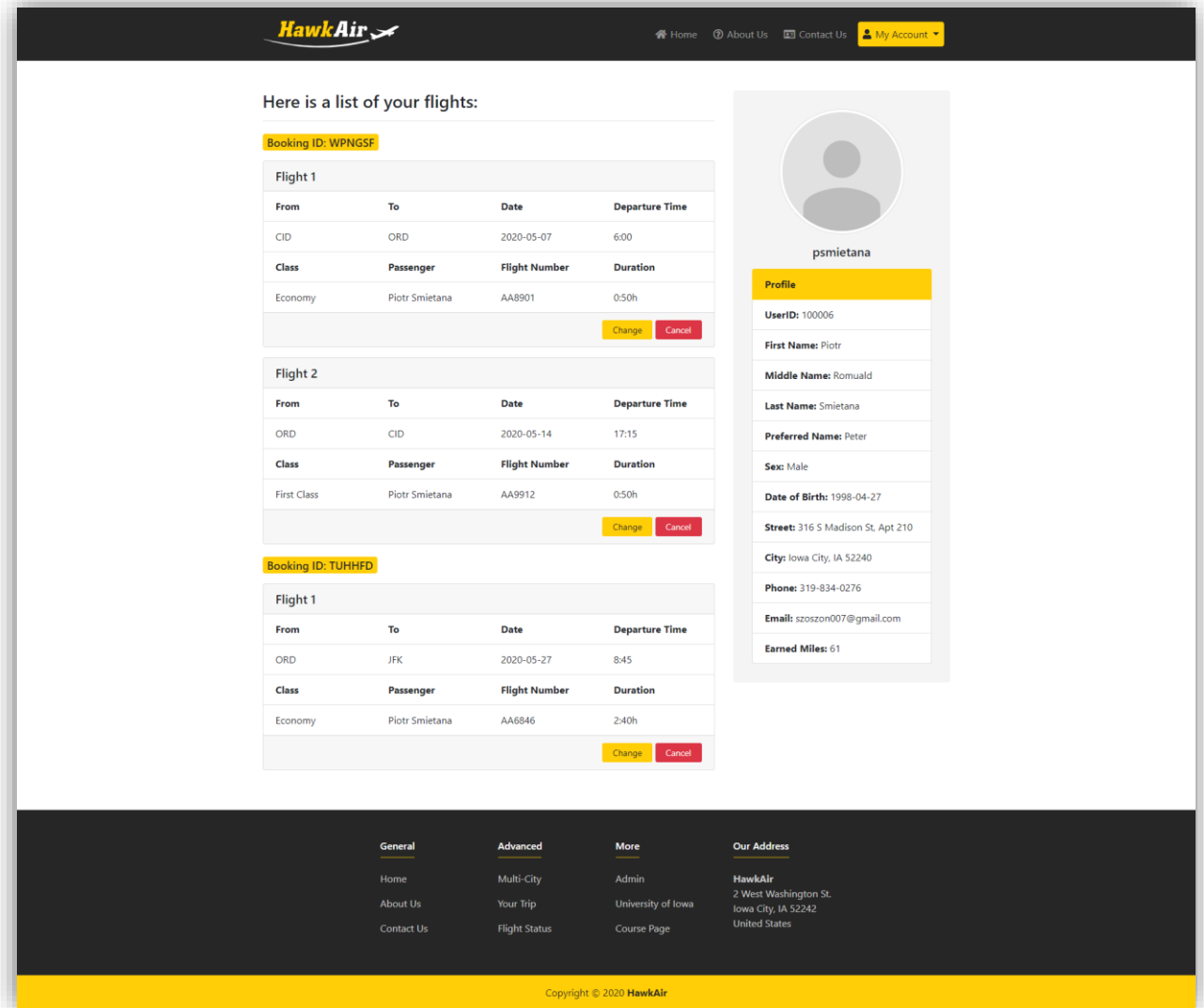
Jacob Seedorff
Piotr Smietana
Sriram Srinivasan

CS:4400
Team #5
May 4, 2020



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 driven 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, each with a table of details. To the right of the flight tables, a "Next Steps" section contains buttons for "Print", "Email", and "Dashboard". The footer includes a grid of links categorized under "General", "Advanced", "More", and "Our Address", along with the copyright notice "Copyright © 2020 HawkAir".

HawkAir

Home About Us Contact Us My Account

Thank you. Your booking is now confirmed!

Booking ID: WPNGSF

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

Next Steps:

- Print
- Email
- Dashboard

General
Home
About Us
Contact Us

Advanced
Multi-City
Your Trip
Flight Status

More
Admin
University of Iowa
Course Page

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

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