



Project report - Airline Reservation System

Team3 – Jun 2020

Agenda

Agenda item	Start Time	Minutes	Facilitator
Project overall introduction	9:30 AM	5	Otgonbayar
Functionalities introduction and demonstration	9:35 AM	5	Otgonbayar
Questions and answers	9:40 AM	5	Professor
Functionalities introduction and demonstration	9:45 AM	5	Thi Le Nguyen Dao
Questions and answers	9:50 AM	5	Professor
Functionalities introduction and demonstration	10:00 AM	5	Nahom Seifu Berta
Questions and answers	10:05 AM	5	Professor
Functionalities introduction and demonstration	10:10 AM	5	Yodit Wondaferew Weldegeorgise
Questions and answers	10:15 AM	5	Professor

Introduction time: 9:30 AM – 10:20AM

Project summary information

Project goal

The goal of this project implementation is every member of the team to practice microservice's design, implementation, and all topics which we learned during this course on each of features of the project.

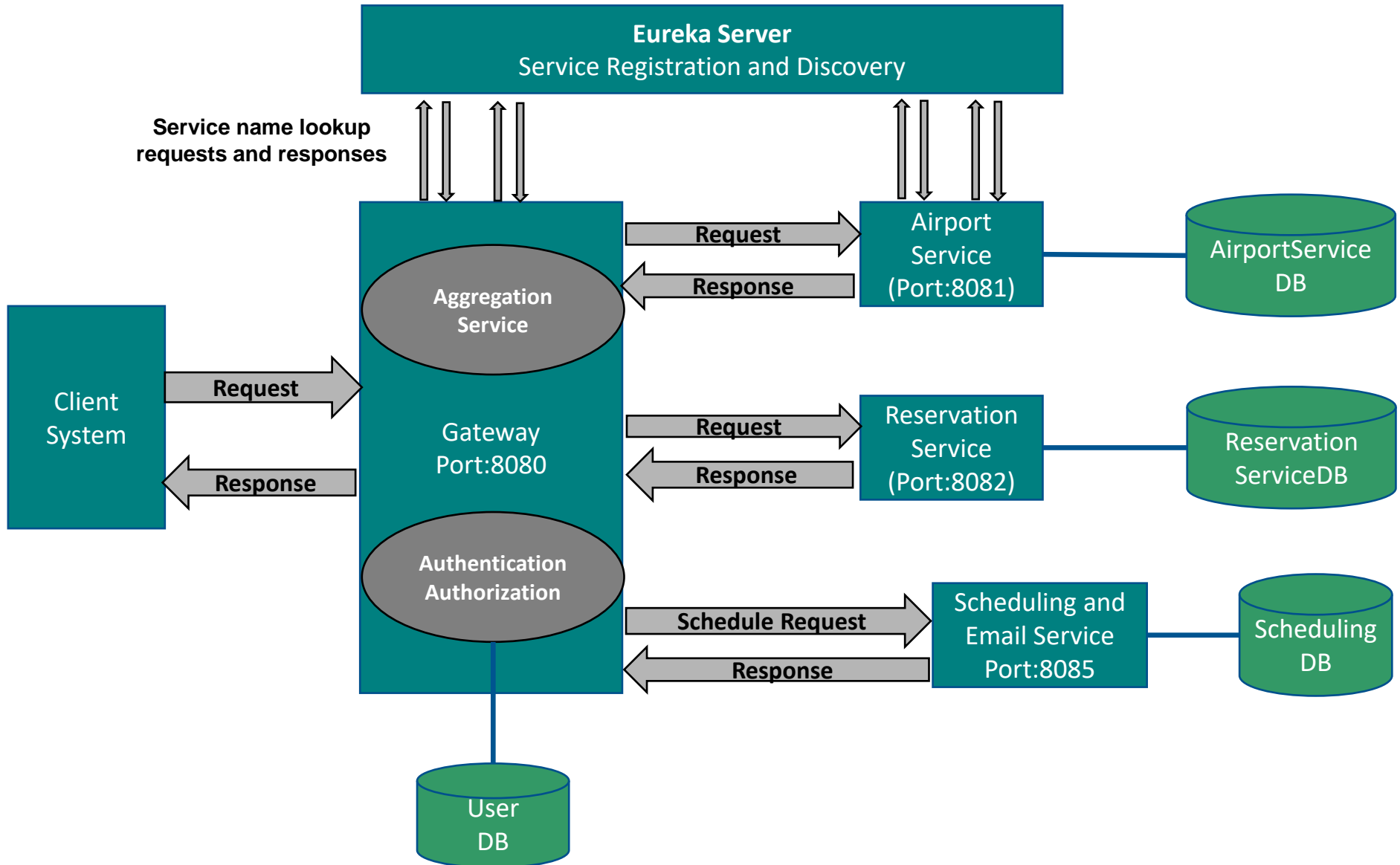
Team members

	Full Name	Student ID
1.	Otgonbayar Mijiddorj	610764
2.	Thi Le Nguyen Dao	611070
3.	Nahom Seifu Berta	611108
4.	Yodit Wondaferew Weldegeorgise	610748

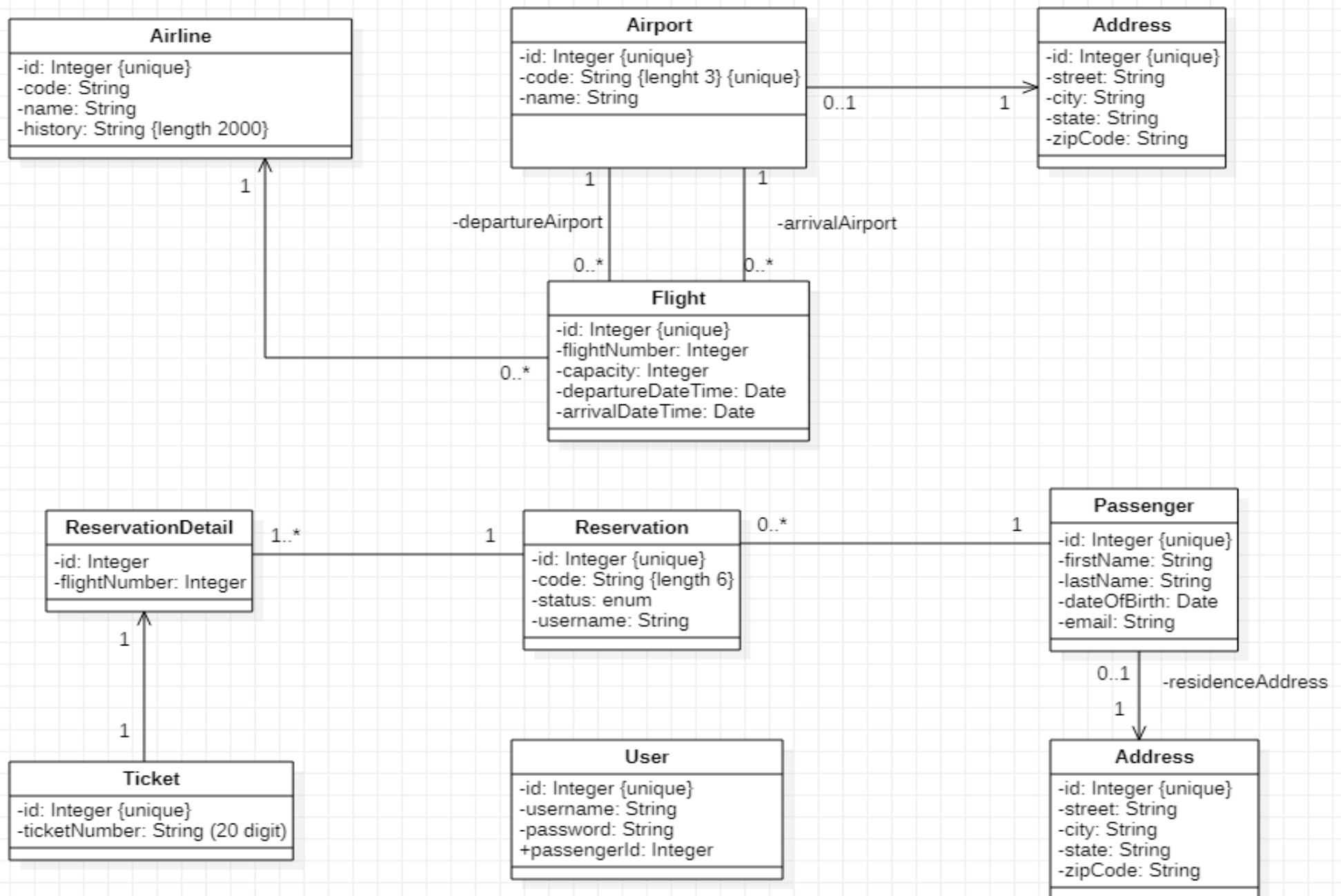
GitHub

<https://github.com/oogii0713/CS544-EA-Project>

System diagram



Class diagram



Airline reservation system application functionalities

		Implementation	Owners
Passenger, Agent functionalities	View list of airports	✓	Thi Le Nguyen Dao
	View list of airlines flying out of an airport	✓	Thi Le Nguyen Dao
	View list of flights between a departure and destination for a date	✓	Yodit Wondaferew Weldegeorgise
	View list of own reservations	✓	Thi Le Nguyen Dao
	View details of a reservation (flights, departure times, etc.)	✓	Thi Le Nguyen Dao
	Make a reservation (note: payload will be a list of flights)	✓	Yodit Wondaferew Weldegeorgise
	Cancel a reservation	✓	Nahom Seifu Berta
	Confirm and purchase a reservation.	✓	Nahom Seifu Berta
Admin functionalities		✓	Otgonbayar Mijiddorj
Email reminder		✓	Nahom Seifu Berta
Spring security using JWT		✓	Otgonbayar Mijiddorj
Aggeration Server sekelton		✓	Thi Le Nguyen Dao
Exception handling sekelton across microservices		✓	Otgonbayar Mijiddorj
Create an automated pipeline for CI/CD		×	

Thank you, Professor