

## MICROSERVICES:

- 1) download zip folder and extract
- 2) create a new folder on desktop called "Airport"
- 3) copy gateway-services and discover-server from extracted folder and paste in Airport folder
- 4) open "[start.spring.io](http://start.spring.io)", change to java 8, 2.6.3, add dependencies: MySQLdriver, Spring Web, Spring Data JPA, Eureka Discovery client and generate 2 zips for: booking and passenger by typing in artifact
- 5) extract the booking and passenger zips and place it in Airport folder
- 6) open both in vs code
- 7) copy application-properties from src/main/resources/application-properties for **both** booking and passenger and change db name and application name to booking/passenger
- 8) open chrome "localhost/phpMyAdmin" and create db of the name you wrote
- 9) open gateway-services in Airport folder, go to src/main/resources/application.yml and change id and path(4 changes)
- 10) for each service: copy paste model, controller, service, repository folders in src/main/java and make following changes: **model:** ctrl+h and remove 2 fields and their corresponding getters and setters and change field names according to question **controller:** ctrl+h and @requestmapping line change **repository:** ctrl+h **service:** ctrl+h (if there's update method remove it)
- 11) run in this order: discovery-server, booking, passenger, gateway-services
- 12) to run: **chmod 777 mvnw** and then **./mvnw spring-boot:run**
- 13) open localhost:3000 and check if all are running
- 14) open localhost:3081/booking/getAllItems it'll be empty
- 15) open postman and type "<http://localhost:3081/booking/createItem>" and select POST, body, raw and enter in the format given below and send
- 16) open localhost:3081/passenger/get/01

```
{
    "id": "01",
    "name": "abc",
    "status": "x"
}
```

ATB