

## Write-Up Lab 4

### Latihan

1. Ubah method view pilot agar menampilkan daftar flight yang terdaftar untuk setiap pilot.

Pada file PilotController.java:

```
@RequestMapping(value = "/pilot/view", method = RequestMethod.GET)
private String viewPilot(String licenseNumber, Model model) {
    PilotModel archieve = pilotService.getPilotDetailByLicenseNumber(licenseNumber);
    if(archieve == null) {
        return "error";
    }
    List<FlightModel> flightList = archieve.getPilotFlight();

    model.addAttribute("pilot", archieve);
    model.addAttribute("flightList", flightList);
    return "view-pilot";
}
```

Pada file view-pilot.html:

```
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org">
3
4 <head>
5     <title>View Pilot</title>
6 </head>
7
8 <body>
9     <h3 th:text="'Pilot License Number : '+${pilot.licenseNumber}"></h3>
10    <h3 th:text="'Name : '+${pilot.name}"></h3>
11    <h3 th:text="'Fly Hour : '+${pilot.flyHour}"></h3>
12    <td><a th:href="@{/flight/add/}${pilot.licenseNumber}" method = "GET">Add Flight</a></td>
13    <td><a th:href="@{/pilot/delete/}${pilot.id}">Delete Pilot</a></td>
14    <br><br>
15    <h3>Flight List</h3>
16    <div th:each="flight : ${flightList}">
17        <h3 th:text="'ID : '+${flight.id}"></h3>
18        <h3 th:text="'Flight Number : '+${flight.flightNumber}"></h3>
19        <h3 th:text="'Origin : '+${flight.origin}"></h3>
20        <h3 th:text="'Destination : '+ ${flight.destination}"></h3>
21        <h3 th:text="'Time : '+${flight.time}"></h3>
22        <td><a th:href="@{/flight/delete/}${flight.id}">Delete Flight</a></td>
23        <br><br>
24    </div>
25 </body>
```

Hasil pada browser:

← → ↻ ⓘ localhost:8080/pilot/view?licenseNumber=123

**Pilot License Number : 123**

**Name : yayaya**

**Fly Hour : 5**

[Add Flight](#) [Delete Pilot](#)

**Flight List**

**ID : 4**

**Flight Number : 121212**

**Origin : babababa**

**Destination : 3**

**Time : 2018-10-27**

[Delete Flight](#)

**ID : 6**

**Flight Number : 121212**

**Origin : lalalayeyeye**

**Destination : 2**

2. Buatlah fitur delete untuk menghapus seorang pilot dan sebuah penerbangan.

Pada file PilotController.java (untuk menghapus pilot):

```
@RequestMapping(value = "/pilot/delete/{id}", method = RequestMethod.GET)
private String deletePilot(@PathVariable(value = "id") Long id, Model model) {
    pilotService.deletePilot(id);
    return "delete";
}
```

Hasil pada browser:

localhost:8080/pilot/delete/3

## Data Berhasil Dihapus

Pada file FlightController.java (untuk menghapus flight):

```
@RequestMapping(value = "/flight/delete/{id}", method = RequestMethod.GET)
private String deleteFlight(@PathVariable(value = "id") Long id, Model model) {
    flightService.deleteFlight(id);
    return "delete";
}
```

Hasil pada browser:

localhost:8080/flight/delete/4

## Data Berhasil Dihapus

3. Buatlah fitur update untuk seorang pilot dan sebuah penerbangan.  
(Notes: License Number seorang pilot tidak bisa diubah)
- 
4. Buatlah fitur untuk melihat penerbangan sehingga dapat menampilkan nama dan license number dari pilot yang bertugas.

Pada file PilotController.java:

```
@RequestMapping("/pilot/viewall")
public String viewall(Model model) {
    List<PilotModel> temp = pilotService.getPilotList();

    model.addAttribute("listPilot", temp);
    for (int i=0; i<temp.size(); i++) {
        PilotModel archieve = pilotService.getPilotDetailByLicenseNumber(temp.get(i).getLicenseNumber());
        List<FlightModel> flightList = archieve.getPilotFlight();
        model.addAttribute("flightList", flightList);
    }
    model.addAttribute("pilot", temp);
    return "view-all";
}
```