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Latihan

1. Flight Controller

```java
@RestController
@RequestMapping("/flight")
public class FlightController {
    @Autowired
    private FlightService flightService;

    @Autowired
    private PilotService pilotService;

    @PostMapping(value="/add/{licenseNumber}")
    public FlightModel addFlight(@PathVariable(value="licenseNumber")String licenseNumber, @RequestBody FlightM
        PilotModel pilot = pilotService.getPilotDetailByLicenseNumber(licenseNumber).get();
        flight.setPilot(pilot);
        return flightService.addFlight(flight);
    }

    @PutMapping(value="/update/{flightId}")
    private String updatePilot(@PathVariable(value="flightId") long id,@RequestParam("destination") String dest
        FlightModel flight = flightService.flightById(id);
        if (flight.equals(null)) {
            return "Couldn't find your flight";
        }
        flight.setOrigin(origin);
        flight.setDestination(destination);
        flight.setTime(time);
        flightService.updateFlight(flight);
        return "flight update success";
    }

    @DeleteMapping(value="/{flightId}")
    public String deletePilot(@PathVariable(value="flightId") long id) {
        flightService.removeFlight(id);
        return "flight has been deleted";
    }

    @GetMapping(value="/view/{flightNumber}")
    public FlightModel getFlight(@PathVariable("flightNumber") String flightNumber) {
        FlightModel flight = flightService.findByFlightNumber(flightNumber).get();
        return flight;
    }

    @GetMapping(value="/all")
    public List<FlightModel> getAllFlight() {
        List<FlightModel> flight = flightService.getAllFlight();
        return flight;
    }

}
```
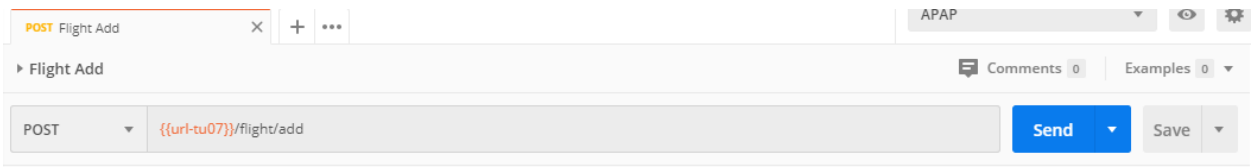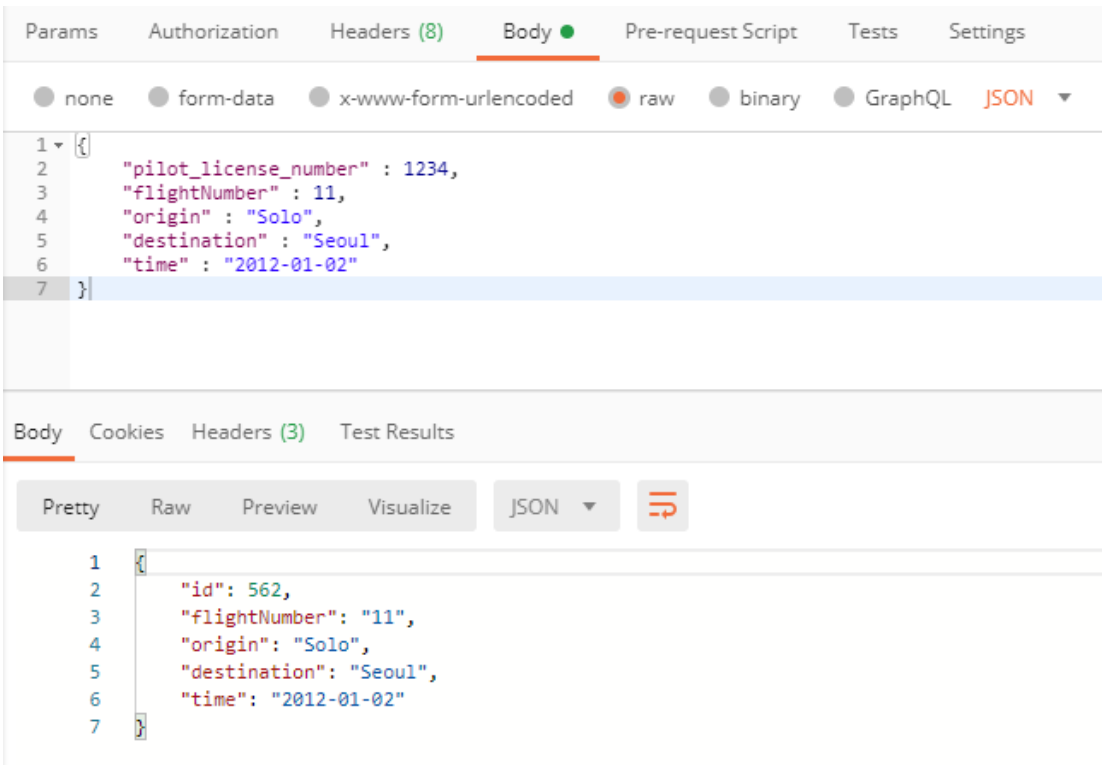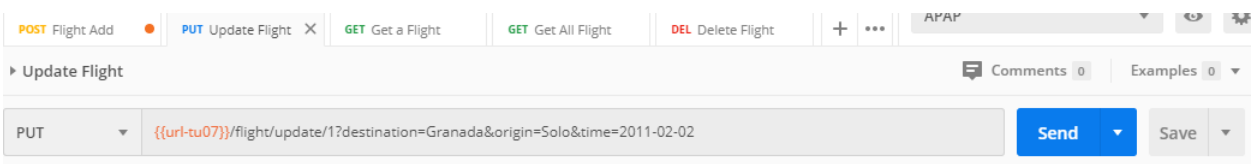
Kodingan di atas telah disesuaikan denga spesifikasi untuk rest controller

Penambahan postman request flight add

Dari request filght add yang dilakukan sebelumnya, didapatkan response seperti di atas yakni penambahan data flight

Penambahan postman request update flight

Dari request update flight yang dilakukan, terdapat response seperti di atas yakni data flight berhasil dilakukan update

id ▲ 1	flight_number	origin	destination	time	pilot_license_number
1	1131	Solo	Granada	2011-02-01	1234

Terdapat perubahan pada database

Penambahan postman request get a flight

Ketika dilakukan request get a flight, ditampilkan response seperti di atas yakni ditampilkan flight dengan flight number 1131

POST Flight Add   PUT Update Flight   GET Get a Flight   GET Get All Flight ✕   DEL Delete Flight   +   •••   APAP ▼ 👁 ⚙

▸ Get All Flight   💬 Comments 0   Examples 0 ▼

GET ▼   {{url-tu07}}/flight/all   **Send** ▼   Save ▼

Penambahan postman request get all flight

Pretty   Raw   Preview   Visualize   JSON ▼

```
1   [
2       {
3           "id": 1,
4           "flightNumber": "1131",
5           "origin": "Solo",
6           "destination": "Granada",
7           "time": "2011-02-01"
8       },
9       {
10          "id": 2,
11          "flightNumber": "1151",
12          "origin": "SRG - Bandar Udara Internasional Achmad Yani, Sema",
13          "destination": "AMQ - Bandar Udara Internasional Pattimura, Ambon",
14          "time": "1961-11-11"
15      },
16      {
17          "id": 3,
18          "flightNumber": "1176",
19          "origin": "TIM - Bandar Udara Internasional Mozes Kilangin, M",
20          "destination": "AMQ - Bandar Udara Internasional Pattimura, Ambon",
21          "time": "1986-10-17"
22      },
23      {
24          "id": 4,
25          "flightNumber": "1239",
26          "origin": "PNK - Bandar Udara Internasional Supadio, Pontiana",
```

Ketika dilakukan request get all flight, ditampilkan response seperti di atas yakni tampilan seluruh flight

POST Flight Add   PUT Update Flight   GET Get a Flight   GET Get All Flight   DEL Delete Flight ●   +   •••   APAP ▼ 👁 ⚙

▸ Delete Flight   💬 Comments 0   Examples 0 ▼

DELETE ▼   {{url-tu07}}/flight/562   **Send** ▼   Save ▼

Penambahan postman request delete flight

▸ Delete Flight

DELETE ▼   {{url-tu07}}/flight/562

Params   Authorization   Headers (6)   Body   Pre-reques

Query Params

KEY	VALUE
Key	Value

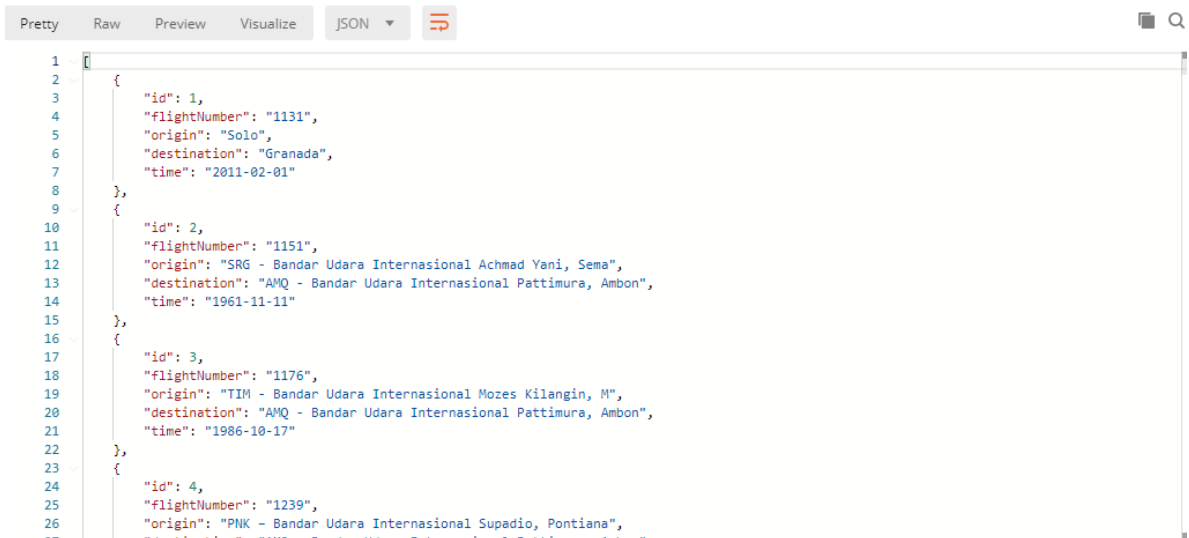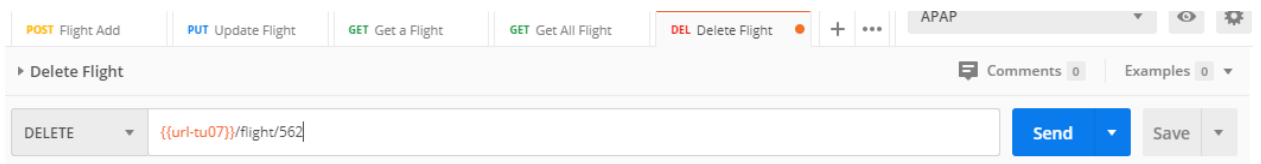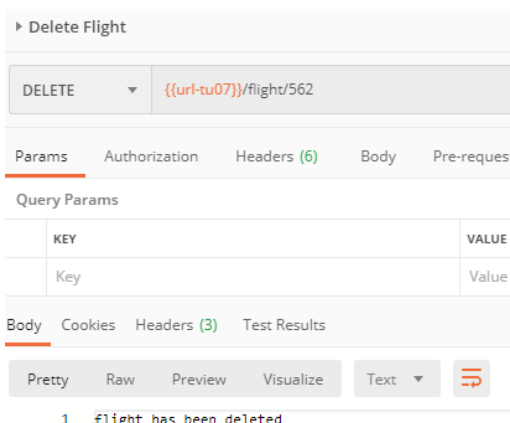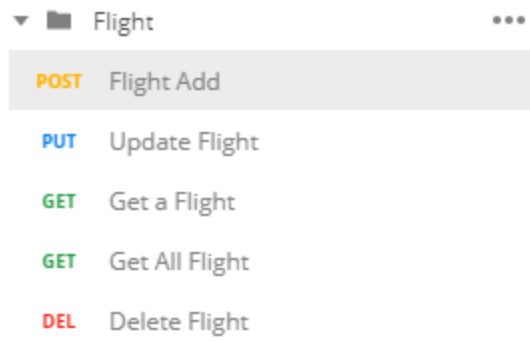Body   Cookies   Headers (3)   Test Results

Pretty   Raw   Preview   Visualize   Text ▼

```
1   flight has been deleted
```

Ketika dilakukan request delete flight, ditampilkan response seperti di atas yakni penghapusan flight pada id 562

Pada folder flight terdapat penambahan postman request