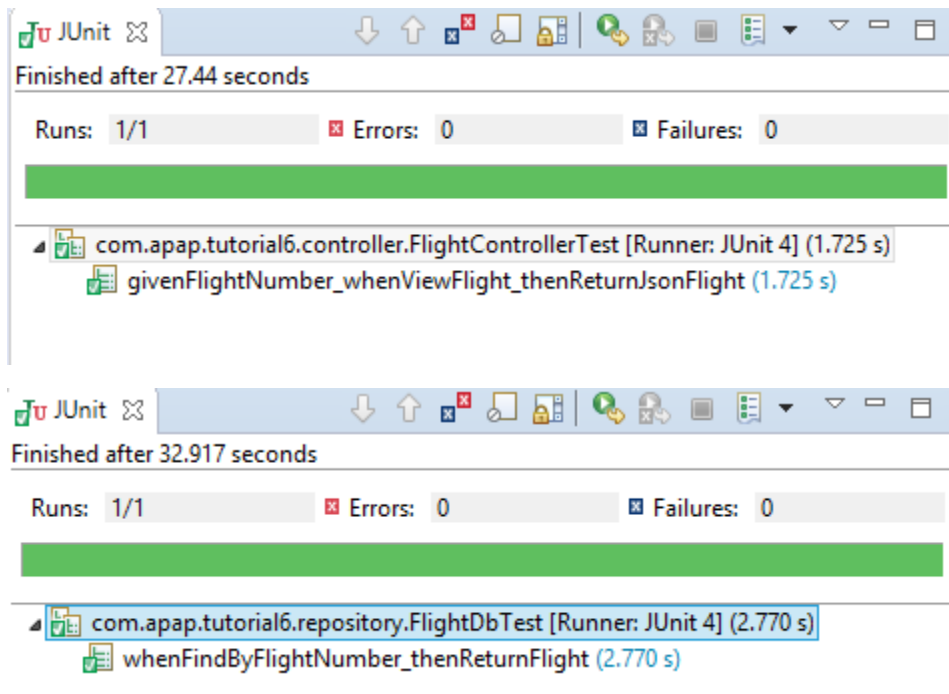


Brian Estadimas Arfeto

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1. Pada FlightModel terdapat attribute pilot, dimana attribute pilot ini tidak boleh null dan merupakan foreign key yang berasosiasi dengan flight, sehingga harus diiniasi terlebih dahulu
2. Terjadi error pada testing dengan status testing berwarna merah dan menampilkan error PersistenceException, penyebabnya adalah pilotLicenseNumber yang ada pada db null, sementara tidak boleh null
3. Mockito melakukan pengetesan terhadap findByFlightNumber dari flightDb dengan flight sebelumnya, setelah itu memunculkan nilai flight terkait
4. Melakukan pengetesan terhadap getFlightDetailByFlightNumber dari flightService, kemudian mengembalikan flight terkait jika fungsi benar
5. Melakukan test untuk URL halaman “/flight/view” dan mengembalikan 200 jika dapat ditambikan dengan benar
6. Melakukan cek hasil yang diharapkan, jika berhasil maka json memiliki key pada body yang bernilai sama dengan flightNumber yang dibuat dari flightModel sebelumnya.
7. @ResponseBody digunakan ketika return type dari sebuah method adalah Object

### Hasil Junit Testing



JUnit Finished after 4.081 seconds

Runs: 1/1 Errors: 0 Failures: 0

com.apap.tutorial6.service.FlightServiceTest [Runner: JUnit 4] (0.100 s)

## Hasil Load Test

| Sample # | Start Time   | Thread Name    | Label        | Sample Time | Status | Bytes  | Sent Bytes | Latency |
|----------|--------------|----------------|--------------|-------------|--------|--------|------------|---------|
| 26       | 19:49:21.034 | Thread Grou... | HTTP Request | 22366       | ✓      | 524630 | 147        | 1585    |
| 27       | 19:49:20.234 | Thread Grou... | HTTP Request | 23831       | ✓      | 524630 | 147        | 1594    |
| 28       | 19:49:20.834 | Thread Grou... | HTTP Request | 23290       | ✓      | 524630 | 147        | 1585    |
| 29       | 19:49:21.235 | Thread Grou... | HTTP Request | 23122       | ✓      | 524630 | 147        | 1697    |
| 30       | 19:49:20.635 | Thread Grou... | HTTP Request | 24394       | ✓      | 524630 | 147        | 1608    |
| 31       | 19:49:21.435 | Thread Grou... | HTTP Request | 27853       | ✓      | 524630 | 147        | 2084    |
| 32       | 19:49:22.235 | Thread Grou... | HTTP Request | 27184       | ✓      | 524630 | 147        | 2118    |
| 33       | 19:49:21.636 | Thread Grou... | HTTP Request | 27851       | ✓      | 524630 | 147        | 2098    |
| 34       | 19:49:21.834 | Thread Grou... | HTTP Request | 27785       | ✓      | 524630 | 147        | 2116    |
| 35       | 19:49:22.035 | Thread Grou... | HTTP Request | 28660       | ✓      | 524630 | 147        | 2213    |
| 36       | 19:49:22.435 | Thread Grou... | HTTP Request | 28293       | ✓      | 524630 | 147        | 2096    |
| 37       | 19:49:22.634 | Thread Grou... | HTTP Request | 28416       | ✓      | 524630 | 147        | 2076    |
| 38       | 19:49:23.034 | Thread Grou... | HTTP Request | 28316       | ✓      | 524630 | 147        | 2141    |
| 39       | 19:49:22.836 | Thread Grou... | HTTP Request | 29043       | ✓      | 524630 | 147        | 2136    |
| 40       | 19:49:23.234 | Thread Grou... | HTTP Request | 29692       | ✓      | 524630 | 147        | 2197    |
| 41       | 19:49:24.034 | Thread Grou... | HTTP Request | 32185       | ✓      | 524630 | 147        | 2581    |
| 42       | 19:49:23.434 | Thread Grou... | HTTP Request | 32837       | ✓      | 524630 | 147        | 2595    |
| 43       | 19:49:23.835 | Thread Grou... | HTTP Request | 32544       | ✓      | 524630 | 147        | 2573    |
| 44       | 19:49:23.634 | Thread Grou... | HTTP Request | 33399       | ✓      | 524630 | 147        | 2592    |
| 45       | 19:49:24.634 | Thread Grou... | HTTP Request | 32525       | ✓      | 524630 | 147        | 2648    |
| 46       | 19:49:24.834 | Thread Grou... | HTTP Request | 32487       | ✓      | 524630 | 147        | 2663    |
| 47       | 19:49:24.235 | Thread Grou... | HTTP Request | 33266       | ✓      | 524630 | 147        | 2671    |
| 48       | 19:49:24.433 | Thread Grou... | HTTP Request | 33120       | ✓      | 524630 | 147        | 2646    |
| 49       | 19:49:25.234 | Thread Grou... | HTTP Request | 32359       | ✓      | 524630 | 147        | 2674    |
| 50       | 19:49:25.033 | Thread Grou... | HTTP Request | 32707       | ✓      | 524630 | 147        | 2806    |

Scroll automatically? Child samples? No of Samples: 50 Latest Sample 32707 Average 20996