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APAP – C

write-up tutorial 6

Pertanyaan

1. Karena class FlightModel memiliki atribut pilot yang menjadi foreign key terhadap PilotModel sehingga untuk testing hanya perlu FlightModel.
2. Akan menampilkan error karena tidak ada pilotnya, sedangkan FlightModel memiliki atribut pilot.
3. Kode tersebut melakukan *testing* terhadap method findByFlightNumber dari flightDb yang menunjukkan bahwa setelah methodnya dilakukan, flight yang dicari akan tetap muncul.
4. Kode tersebut melakukan *testing* terhadap method getFlightDetailByFlightNumber dari flightService yang menunjukkan bahwa jika fungsi tersebut benar, akan mengembalikan flight yang dicari.
5. Memastikan bahwa halaman `"/flight/view"` dapat ditampilkan dengan benar (status = 200).
6. Memastikan bahwa flightNumber yang didapat dari pemanggilan di halaman sama dengan flightNumber dari FlightModel yang telah diinisialisasi pada segmen Given method `givenFlightNumber_whenViewFlight_thenReturnJsonFlight()`.
7. `@ResponseBody` digunakan saat return type dari method tersebut adalah sebuah objek

HASIL LOAD TESTING

View Results in Table.jmx (D:\Installer and stuff\APAP\View Results in Table.jmx) - Apache JMeter (5.0 r1840935)

File Edit Search Run Options Help

Test Plan
Thread Group
HTTP Request
View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes Configure

Sample #	Start Time	Thread Name	Label	Sample Time(...)	Status	Bytes	Sent Bytes	Latency	Connect Time...
1	23:08:07.106	Thread Group...	HTTP Request	22908	✓	517182	144	435	2
2	23:08:06.882	Thread Group...	HTTP Request	23414	✓	517182	144	256	2
3	23:08:06.705	Thread Group...	HTTP Request	24419	✓	517182	144	645	4
4	23:08:06.301	Thread Group...	HTTP Request	25060	✓	517182	144	252	2
5	23:08:06.505	Thread Group...	HTTP Request	26840	✓	517182	144	247	2
6	23:08:09.315	Thread Group...	HTTP Request	31890	✗	9306	144	31889	2
7	23:08:10.318	Thread Group...	HTTP Request	30928	✗	9306	144	30923	2
8	23:08:09.715	Thread Group...	HTTP Request	31740	✗	9306	144	31739	2
9	23:08:09.515	Thread Group...	HTTP Request	31951	✗	9306	144	31951	3
10	23:08:10.115	Thread Group...	HTTP Request	31361	✗	9306	144	31358	2
11	23:08:09.915	Thread Group...	HTTP Request	31562	✗	9306	144	31560	2
12	23:08:10.516	Thread Group...	HTTP Request	31768	✗	9306	144	31766	2
13	23:08:10.917	Thread Group...	HTTP Request	31954	✗	9306	144	31953	2
14	23:08:10.718	Thread Group...	HTTP Request	32161	✗	9306	144	32160	2
15	23:08:11.120	Thread Group...	HTTP Request	31765	✗	9306	144	31762	2
16	23:08:11.719	Thread Group...	HTTP Request	31180	✗	9306	144	31178	2
17	23:08:11.518	Thread Group...	HTTP Request	31387	✗	9306	144	31386	2
18	23:08:11.320	Thread Group...	HTTP Request	31593	✗	9306	144	31592	2
19	23:08:11.919	Thread Group...	HTTP Request	31370	✗	9306	144	31369	3
20	23:08:12.322	Thread Group...	HTTP Request	31437	✗	9306	144	31436	2

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21	23:08:07.309	Thread Group...	HTTP Request	37413	✓	517182	144	13901	2
22	23:08:07.508	Thread Group...	HTTP Request	40037	✓	517182	144	16026	2
23	23:08:07.709	Thread Group...	HTTP Request	40734	✓	517182	144	17877	2
24	23:08:12.522	Thread Group...	HTTP Request	37546	✗	9306	144	37545	2
25	23:08:12.122	Thread Group...	HTTP Request	37953	✗	9306	144	37952	2
26	23:08:13.526	Thread Group...	HTTP Request	36577	✗	9306	144	36576	2
27	23:08:12.923	Thread Group...	HTTP Request	37188	✗	9306	144	37168	3
28	23:08:13.323	Thread Group...	HTTP Request	36838	✗	9306	144	36824	2
29	23:08:14.147	Thread Group...	HTTP Request	36036	✗	9306	144	36034	2
30	23:08:13.123	Thread Group...	HTTP Request	37076	✗	9306	144	37075	2
31	23:08:16.090	Thread Group...	HTTP Request	34109	✗	9306	144	34104	3
32	23:08:14.347	Thread Group...	HTTP Request	35868	✗	9306	144	35865	2
33	23:08:15.958	Thread Group...	HTTP Request	34275	✗	9306	144	34272	2
34	23:08:15.291	Thread Group...	HTTP Request	34957	✗	9306	144	34952	3
35	23:08:15.154	Thread Group...	HTTP Request	35114	✗	9306	144	35113	2
36	23:08:14.955	Thread Group...	HTTP Request	35326	✗	9306	144	35323	3
37	23:08:14.755	Thread Group...	HTTP Request	35533	✗	9306	144	35532	2
38	23:08:13.924	Thread Group...	HTTP Request	36378	✗	9306	144	36376	2
39	23:08:12.724	Thread Group...	HTTP Request	37580	✗	9306	144	37576	2
40	23:08:07.911	Thread Group...	HTTP Request	45172	✓	517182	144	20255	1

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28	23:08:13.323	Thread Group...	HTTP Request	36838	✖	9306	144	36824	2
29	23:08:14.147	Thread Group...	HTTP Request	36036	✖	9306	144	36034	2
30	23:08:13.123	Thread Group...	HTTP Request	37076	✖	9306	144	37075	2
31	23:08:16.090	Thread Group...	HTTP Request	34109	✖	9306	144	34104	3
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39	23:08:12.724	Thread Group...	HTTP Request	37580	✖	9306	144	37576	2
40	23:08:07.911	Thread Group...	HTTP Request	45172	✔	517182	144	20255	1
41	23:08:08.109	Thread Group...	HTTP Request	44984	✔	517182	144	20803	5
42	23:08:14.554	Thread Group...	HTTP Request	40404	✖	9306	144	40402	2
43	23:08:15.499	Thread Group...	HTTP Request	39459	✖	9306	144	39457	2
44	23:08:15.755	Thread Group...	HTTP Request	39207	✖	9306	144	39206	2
45	23:08:08.313	Thread Group...	HTTP Request	46932	✔	517182	144	22666	2
46	23:08:08.915	Thread Group...	HTTP Request	46648	✔	517182	144	23300	2
47	23:08:08.713	Thread Group...	HTTP Request	47527	✔	517182	144	23015	3
48	23:08:09.168	Thread Group...	HTTP Request	47635	✔	517182	144	24717	1
49	23:08:08.510	Thread Group...	HTTP Request	48930	✔	517182	144	22380	3
50	23:08:13.728	Thread Group...	HTTP Request	47730	✔	517182	144	32113	3

Penjelasan mengapa ada hasil request dengan status merah:

Terdapat beberapa thread yang hasil requestnya fail karena kurangnya performa komputer saya yang menyebabkan server tersebut down dan tidak sanggup untuk diakses oleh thread sebanyak itu.