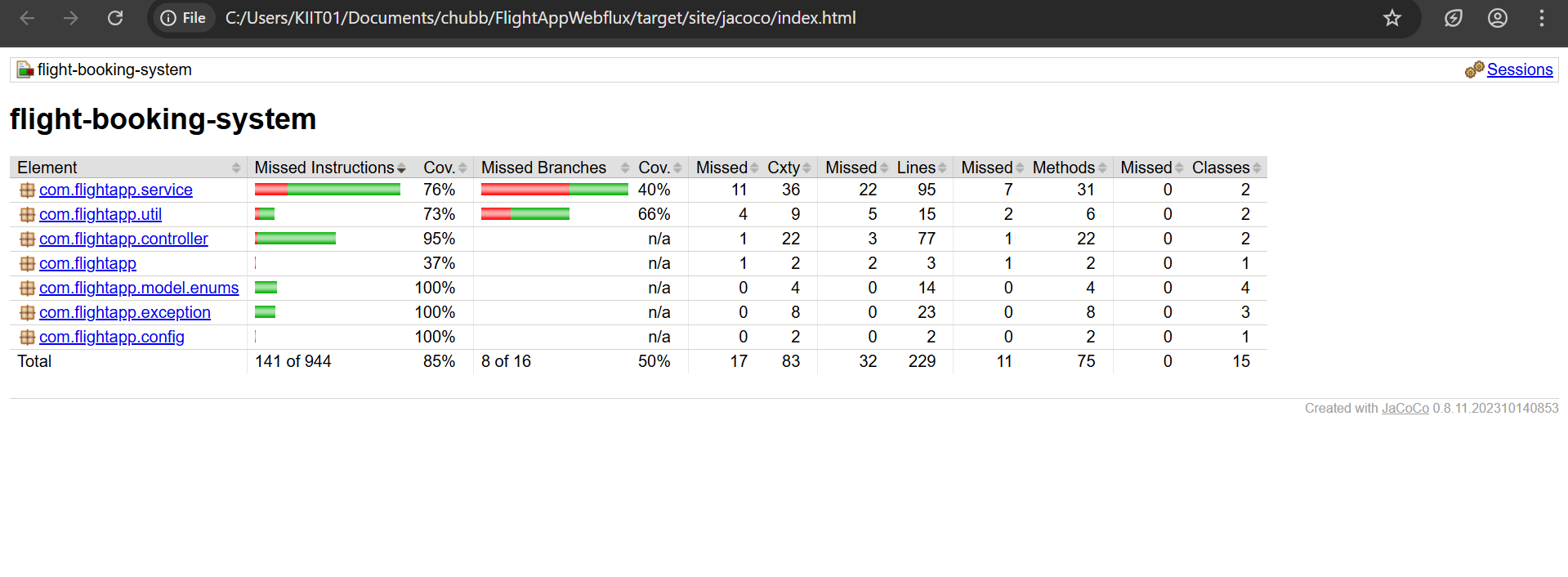
**Flight Management System using webflux and mongodb:**

**Jacoco Report:**

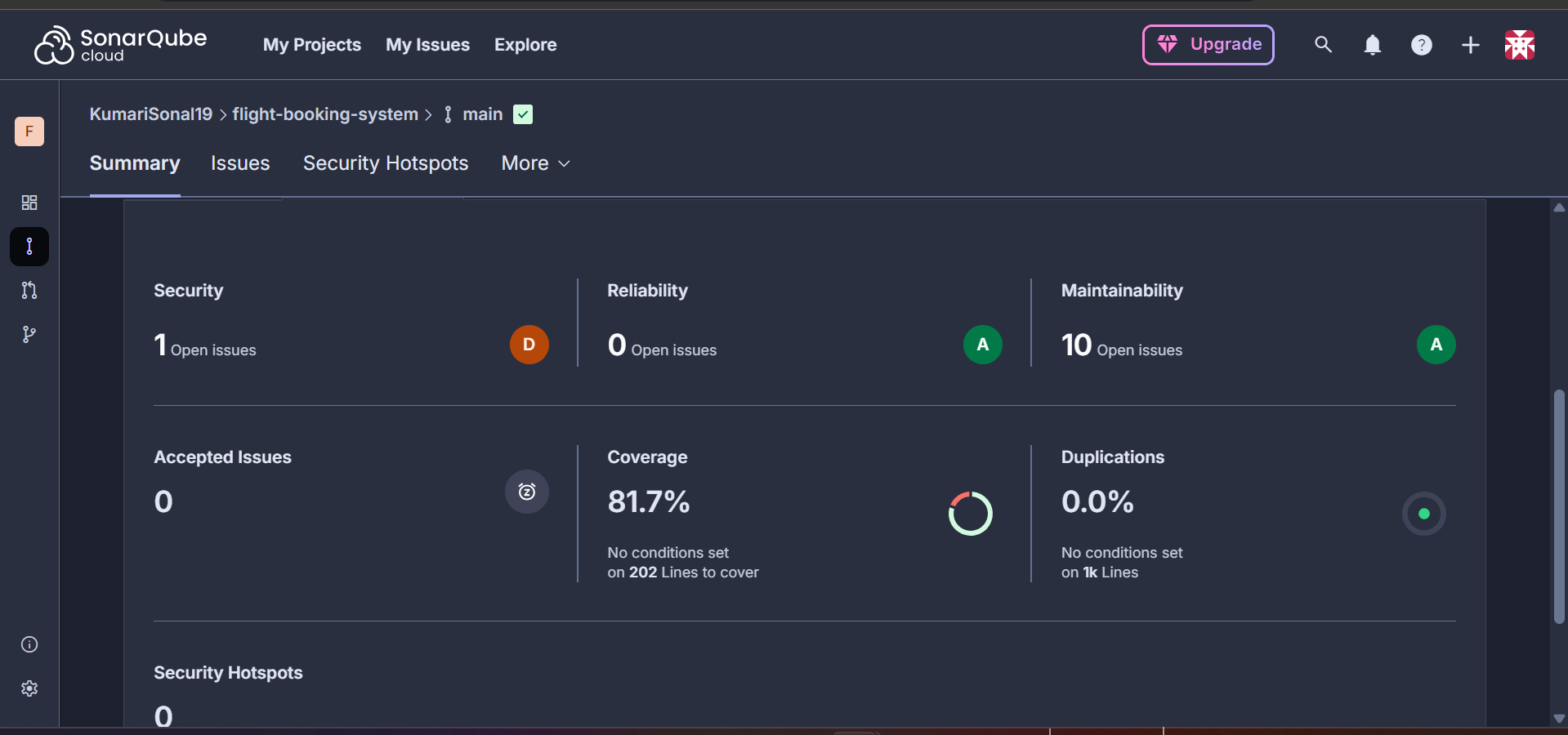
Code Coverage: 85%



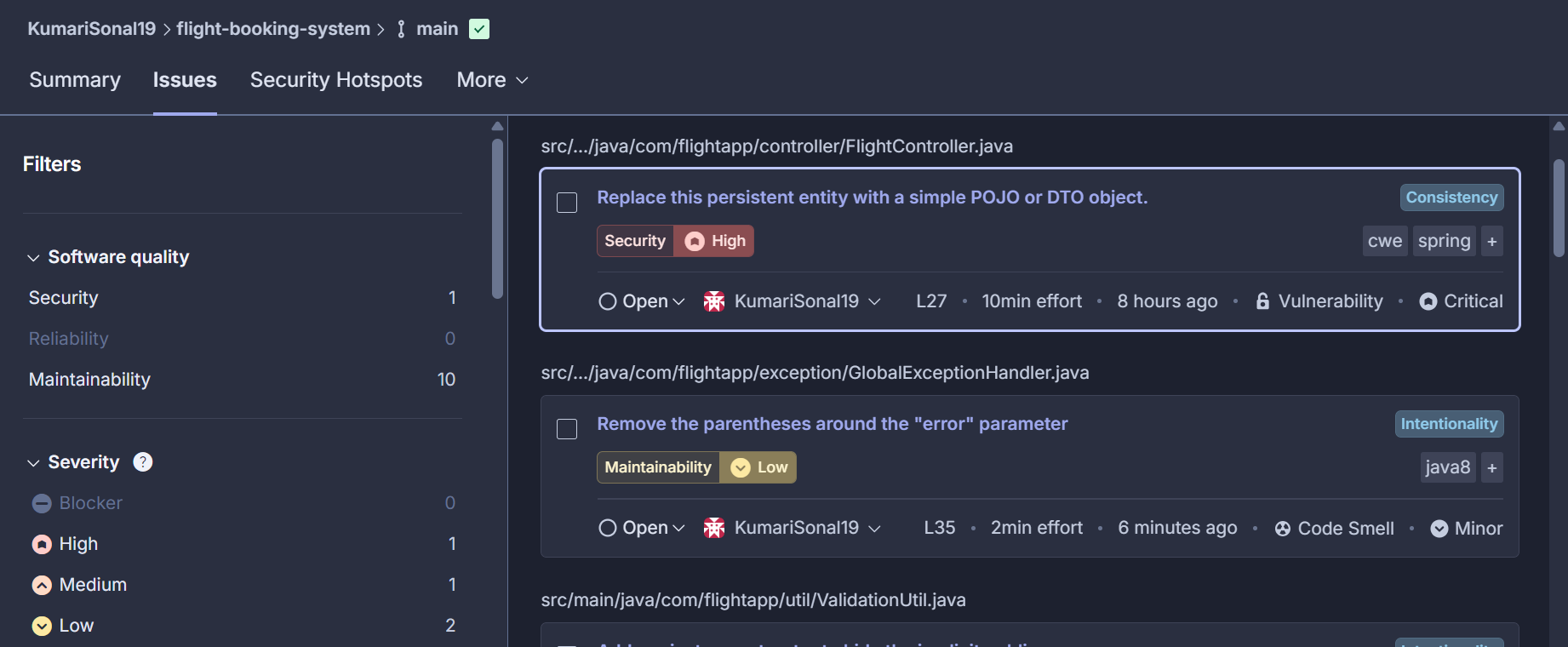
**SONARQUBE REPORT (Before):**

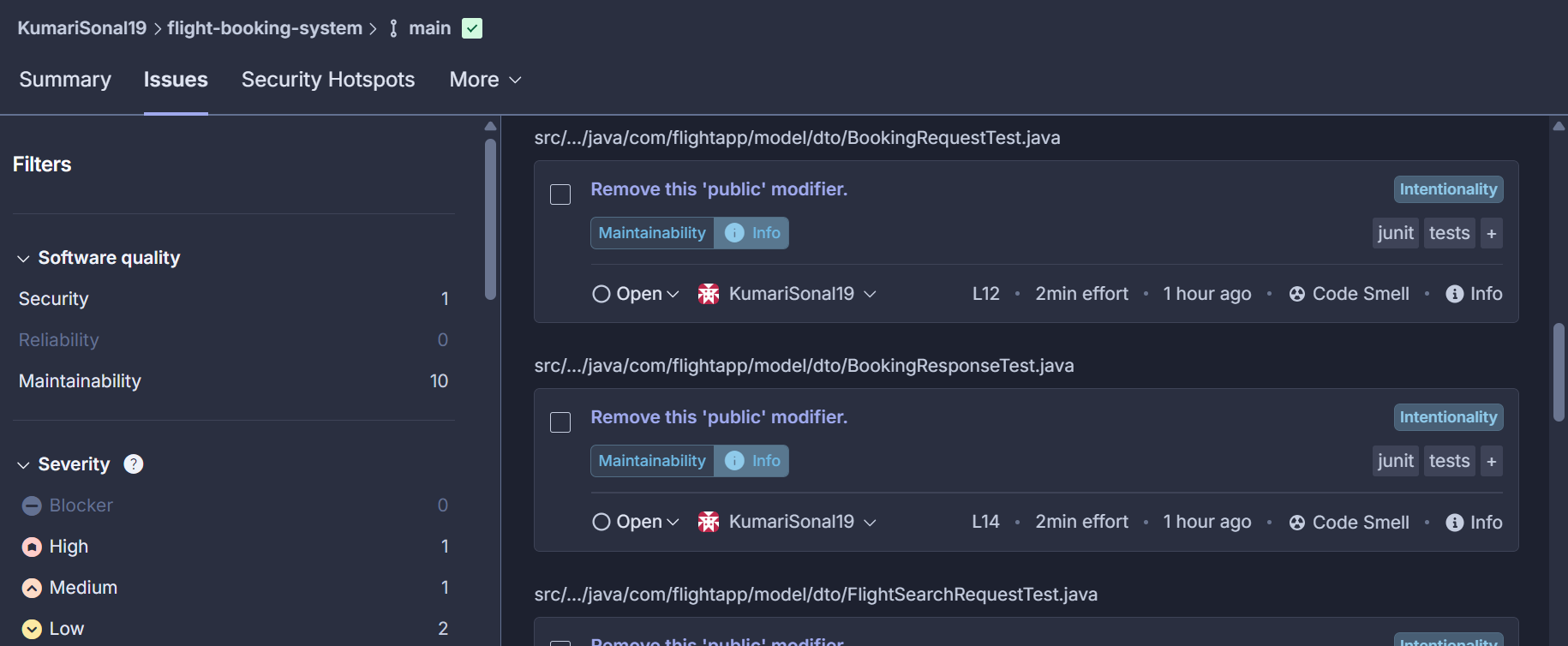
Code Coverage: 81.7

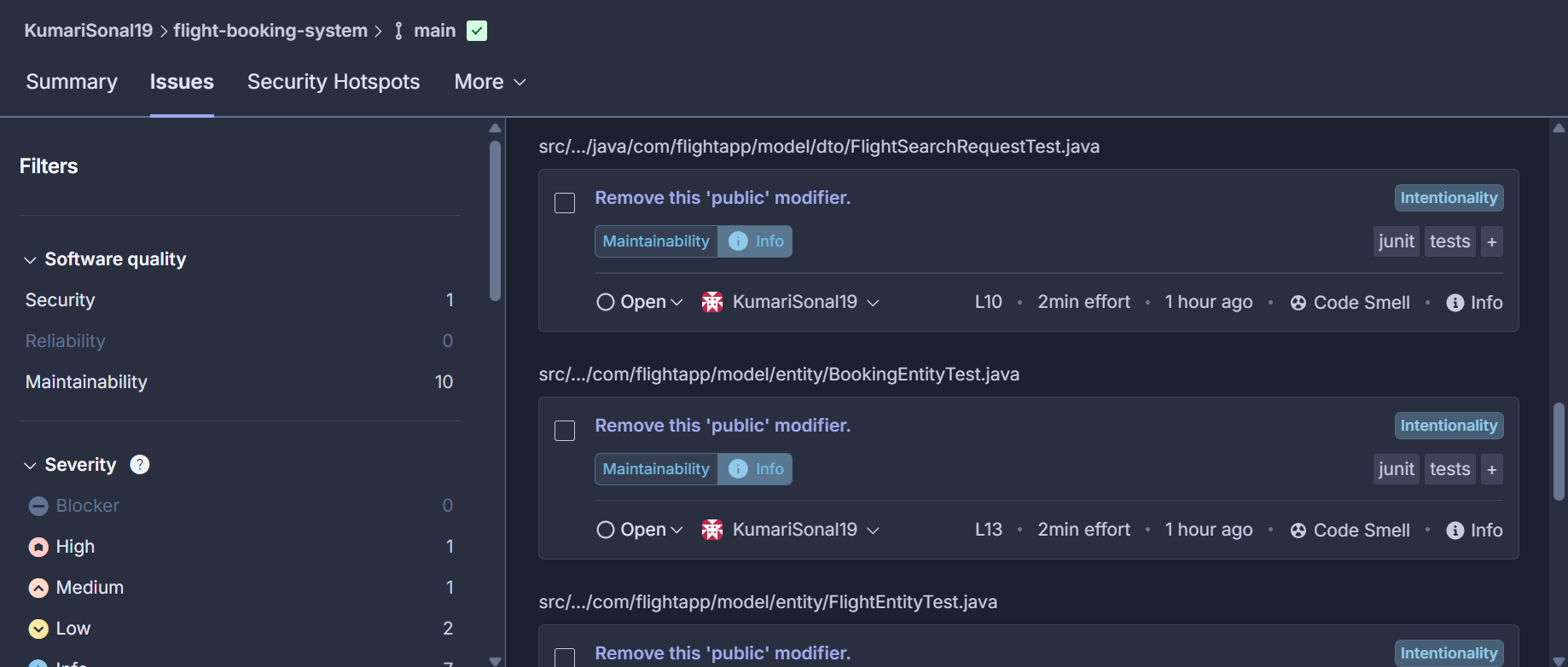
Total Issues: 11

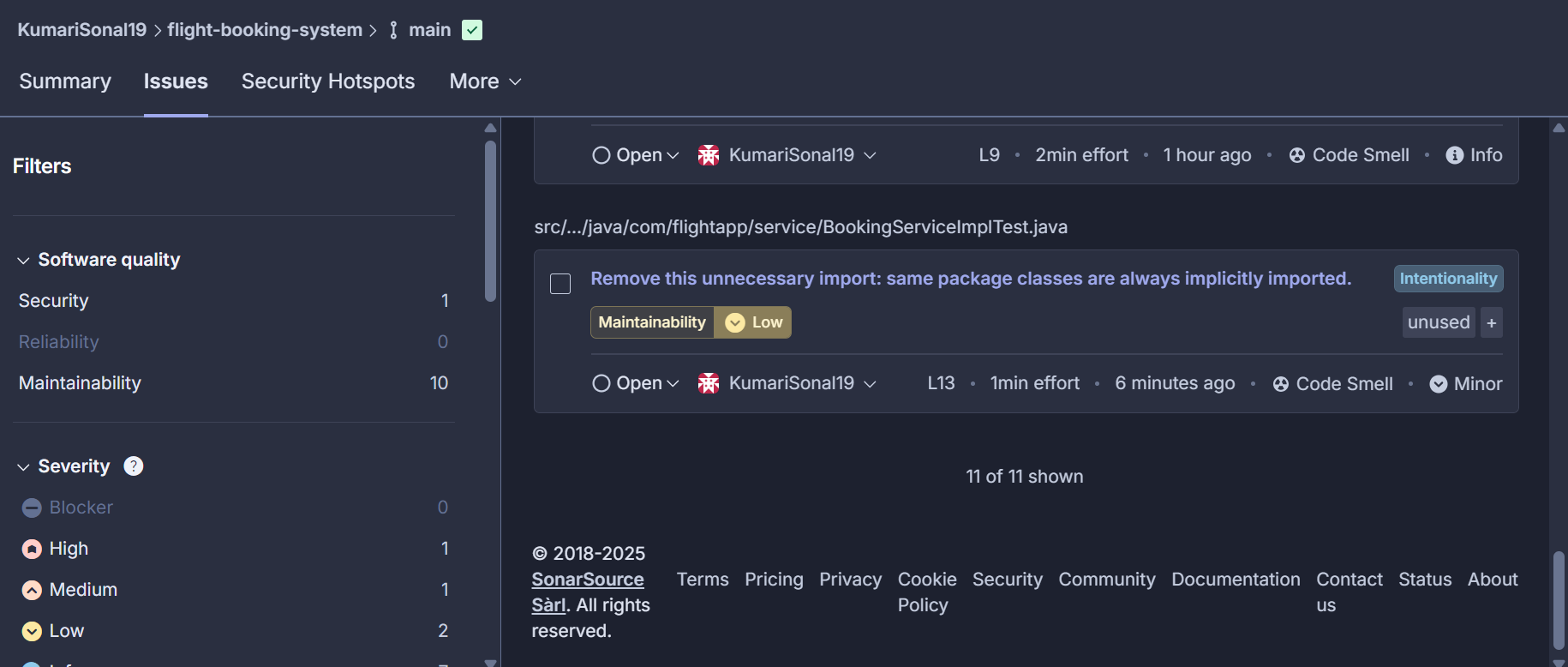


**ISSUES:**



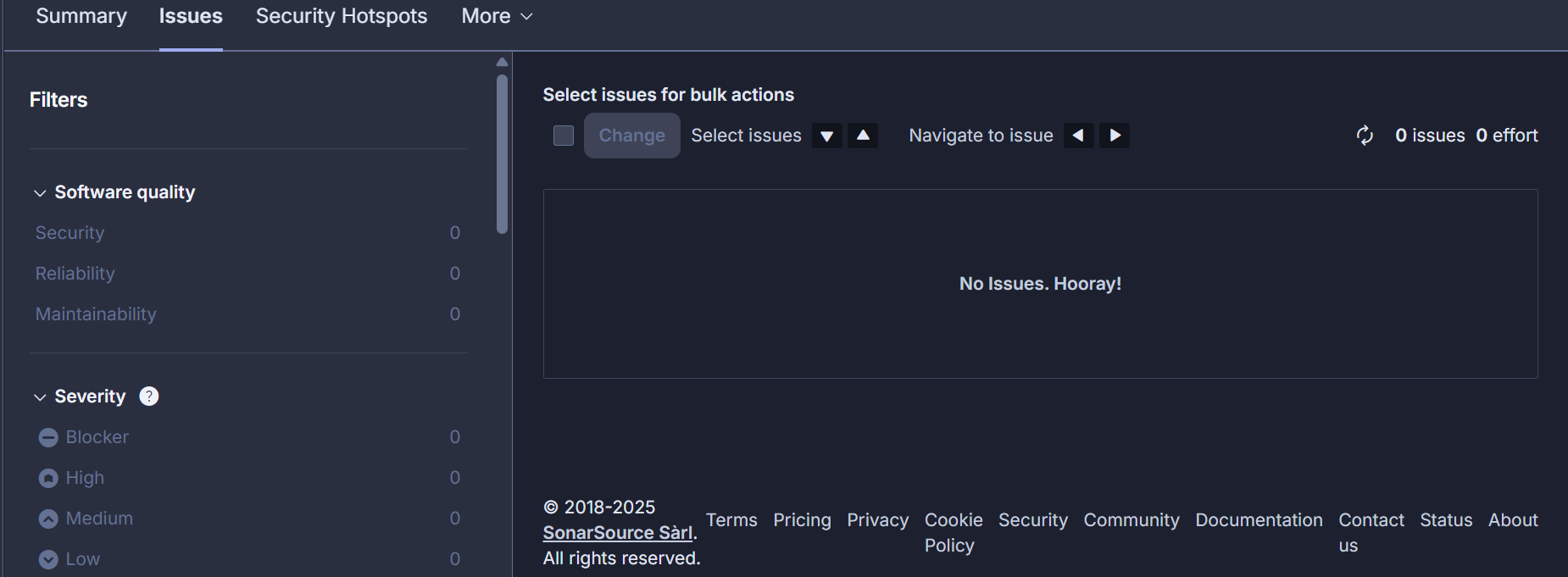




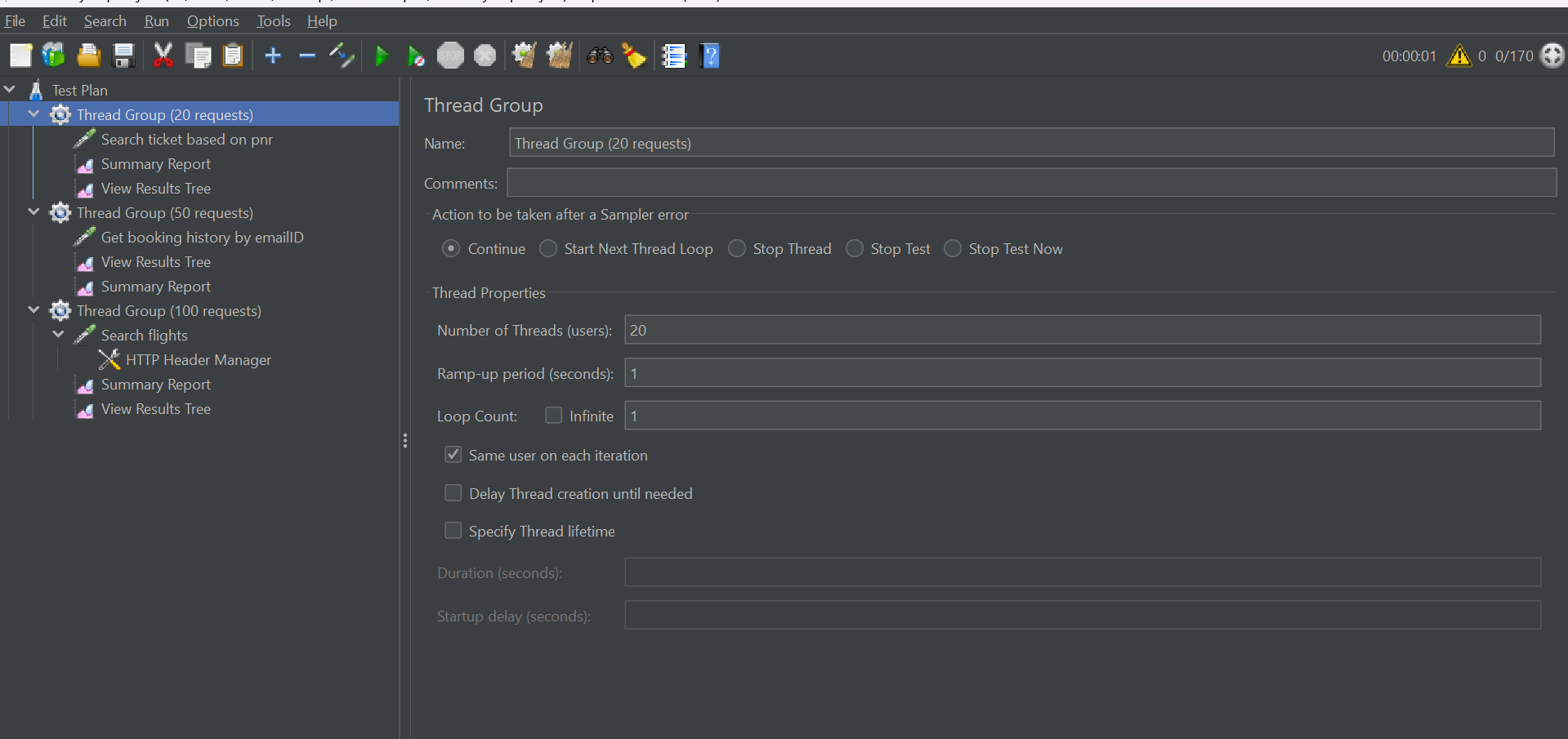


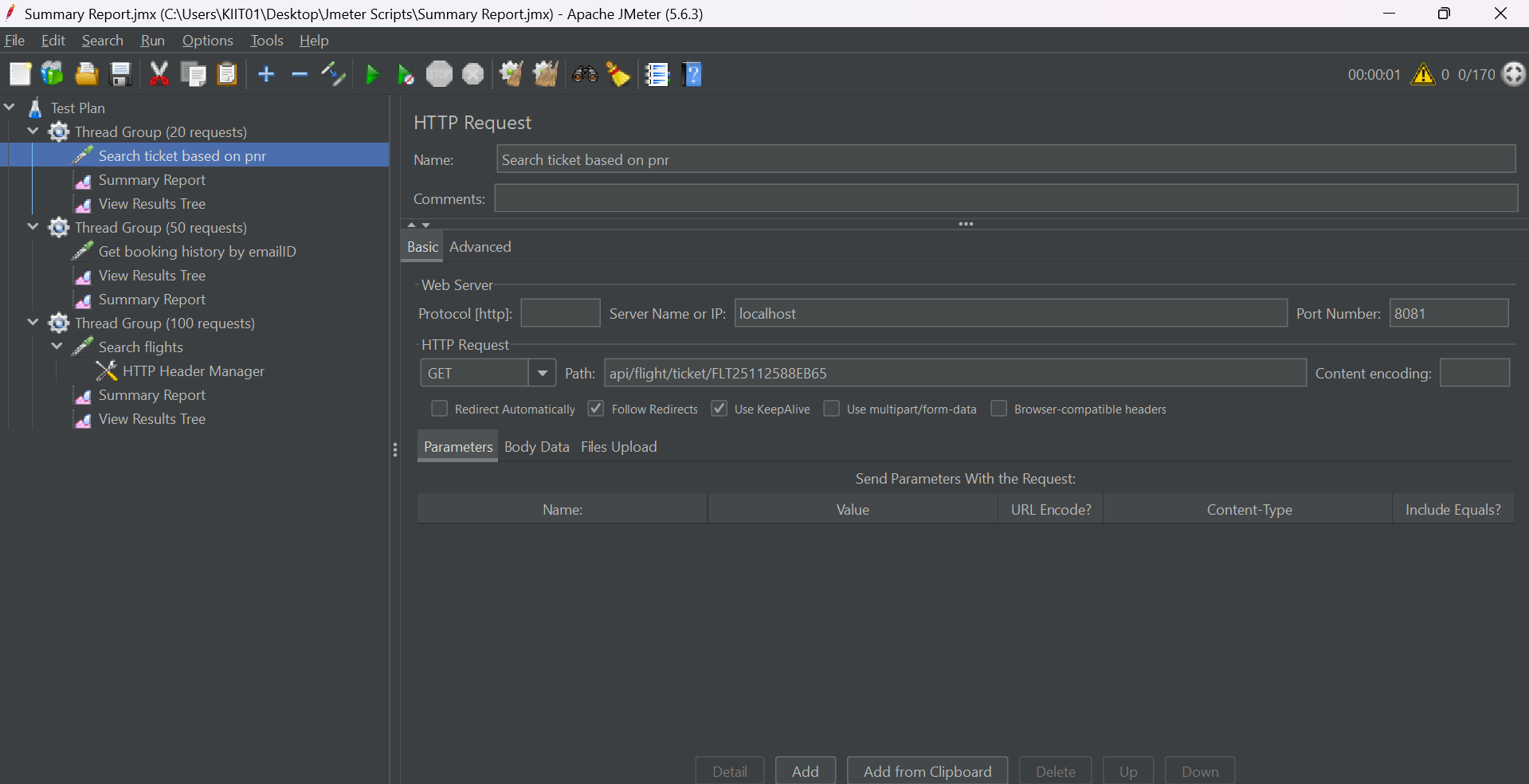
**SONARQUBE REPORT (After):**

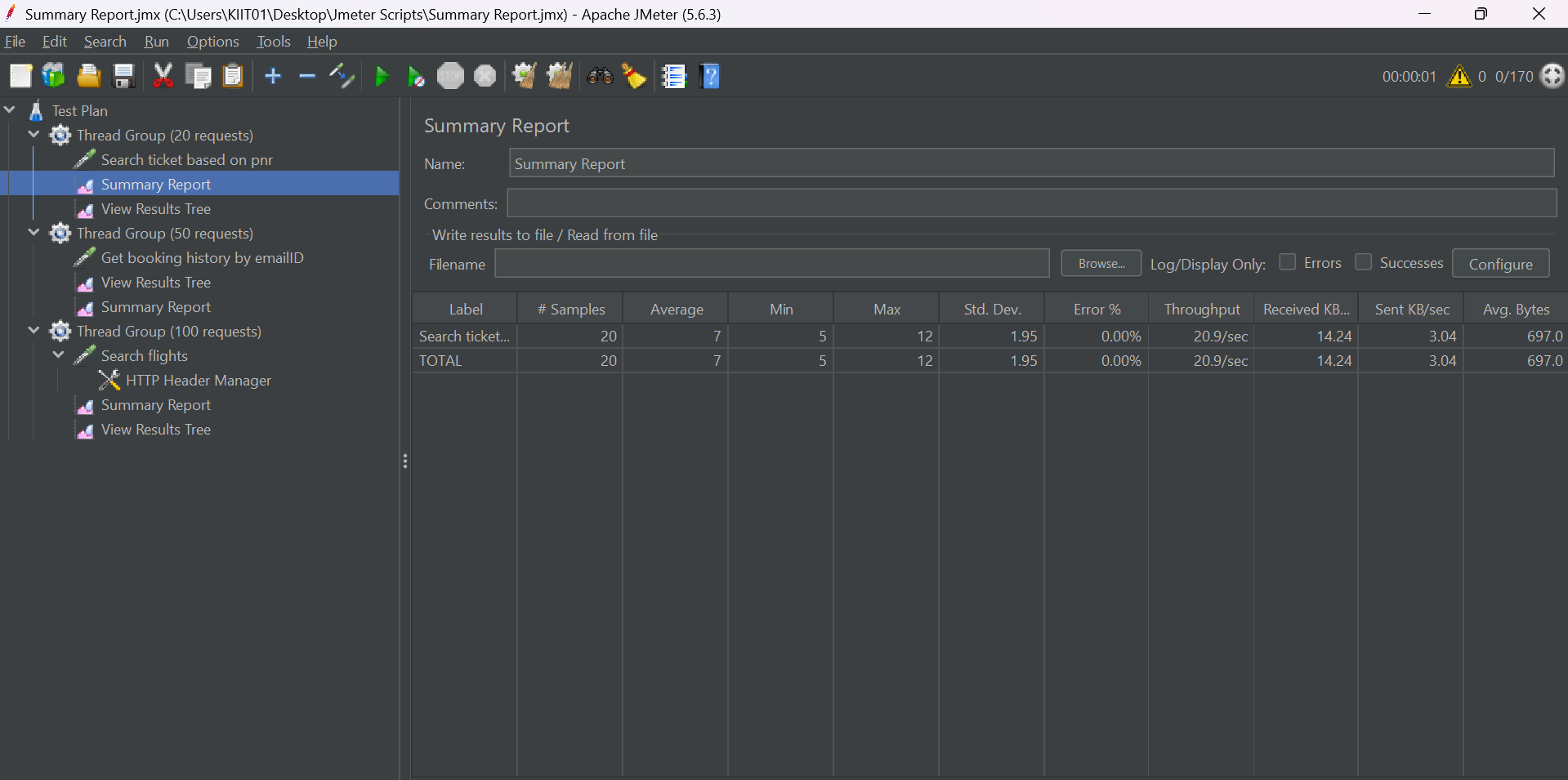
All issues resolved

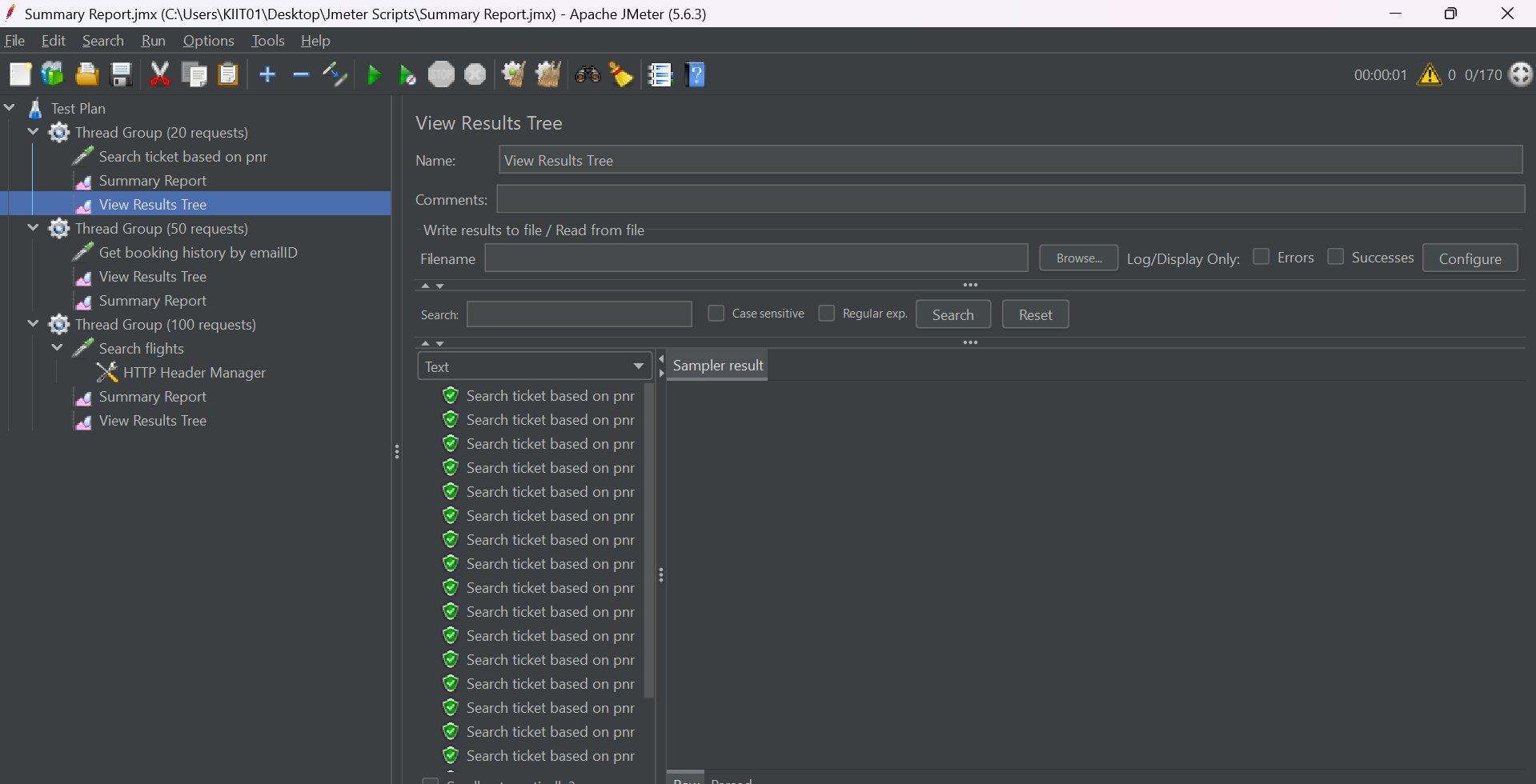


**JMETER TESTING**

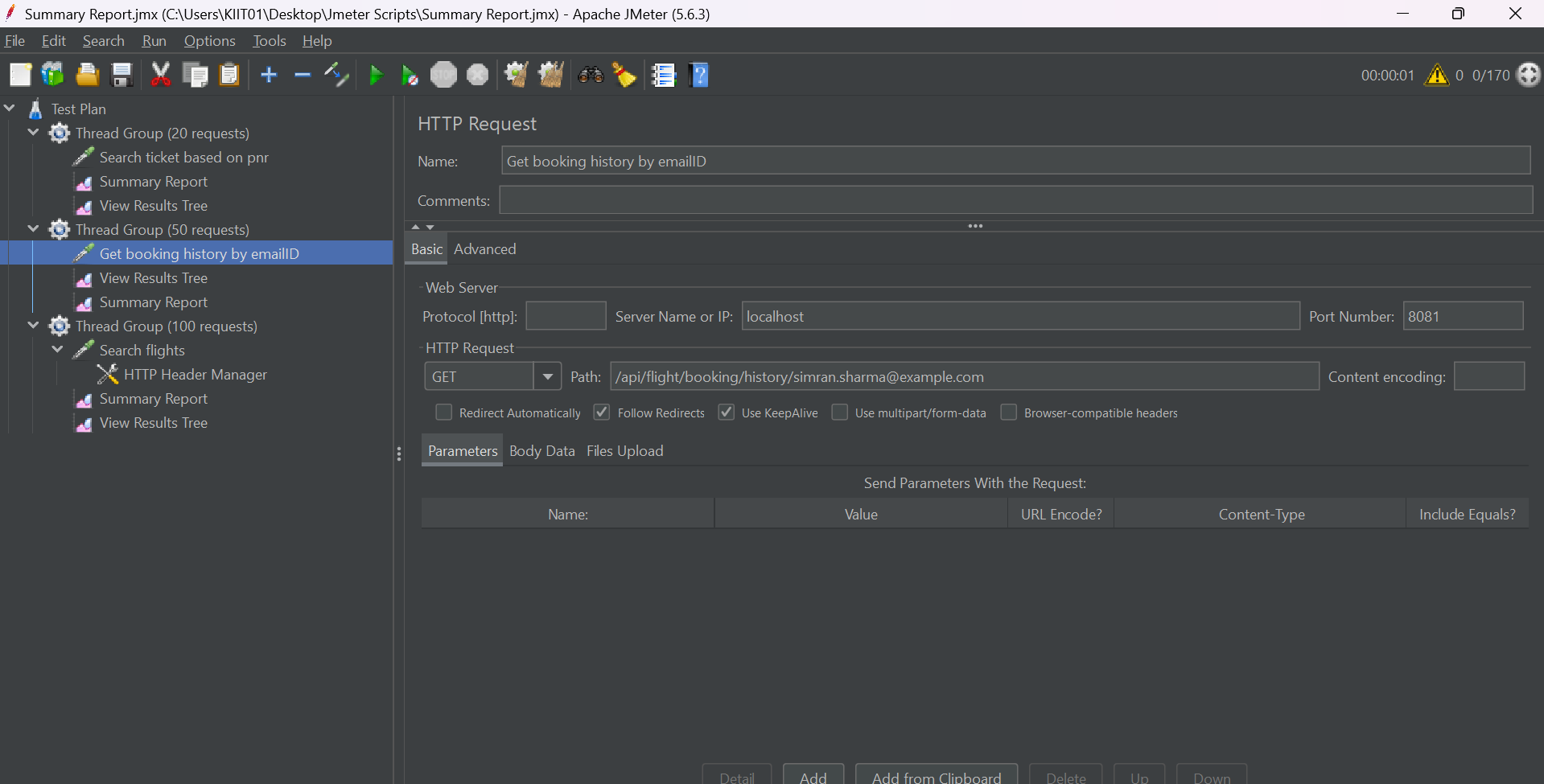
Case 1: 20 requests  


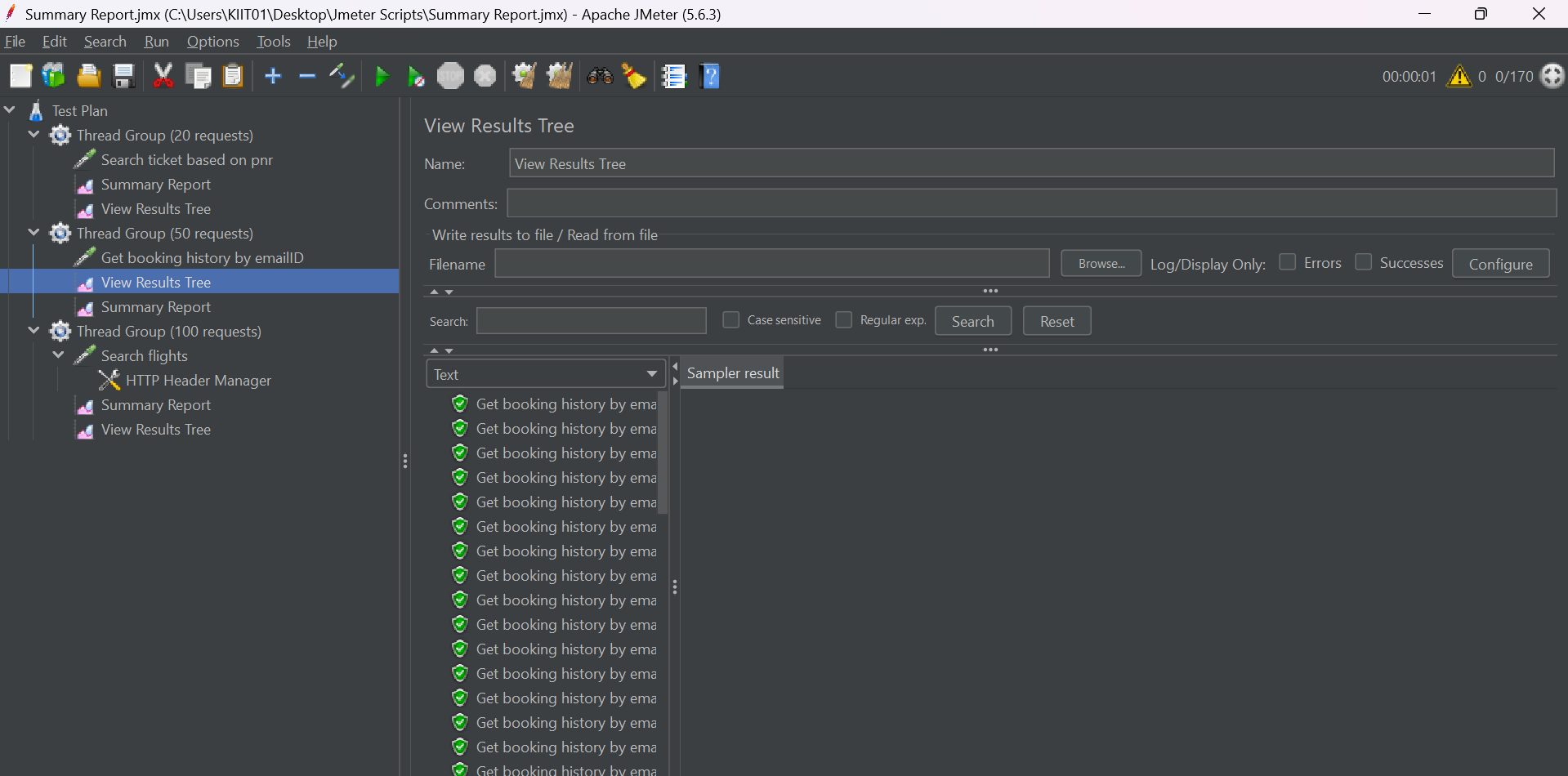


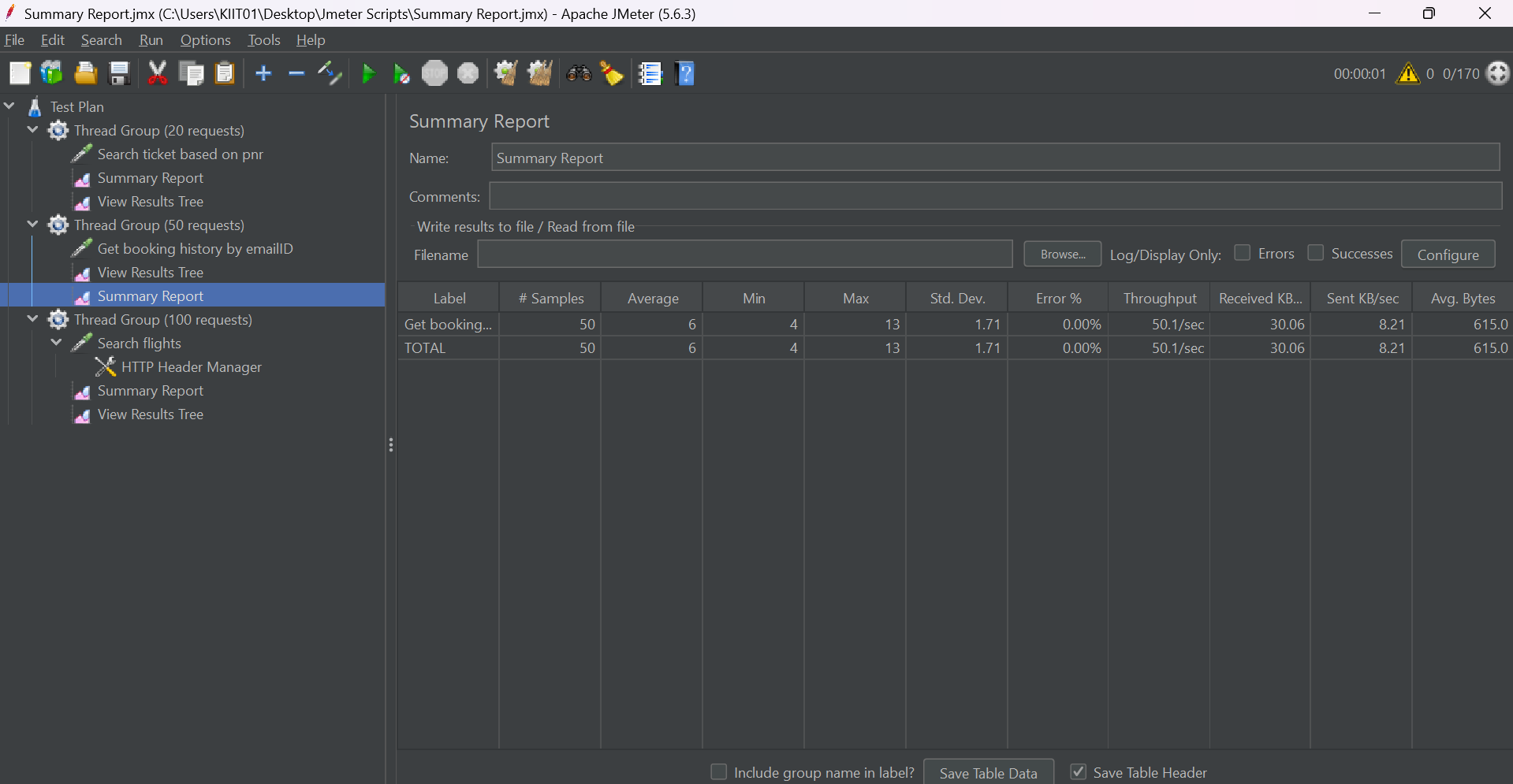




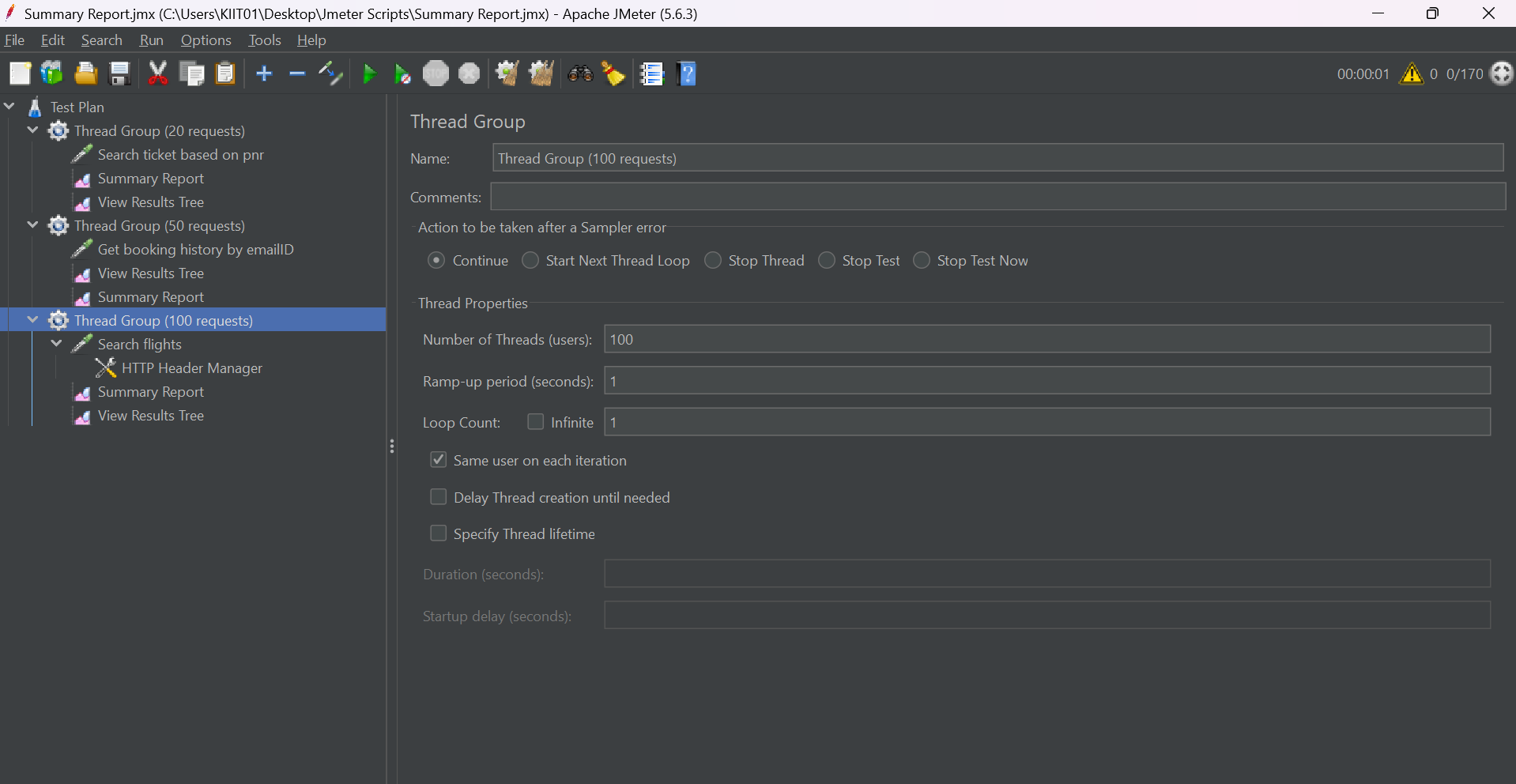
Case 2: 50 requests

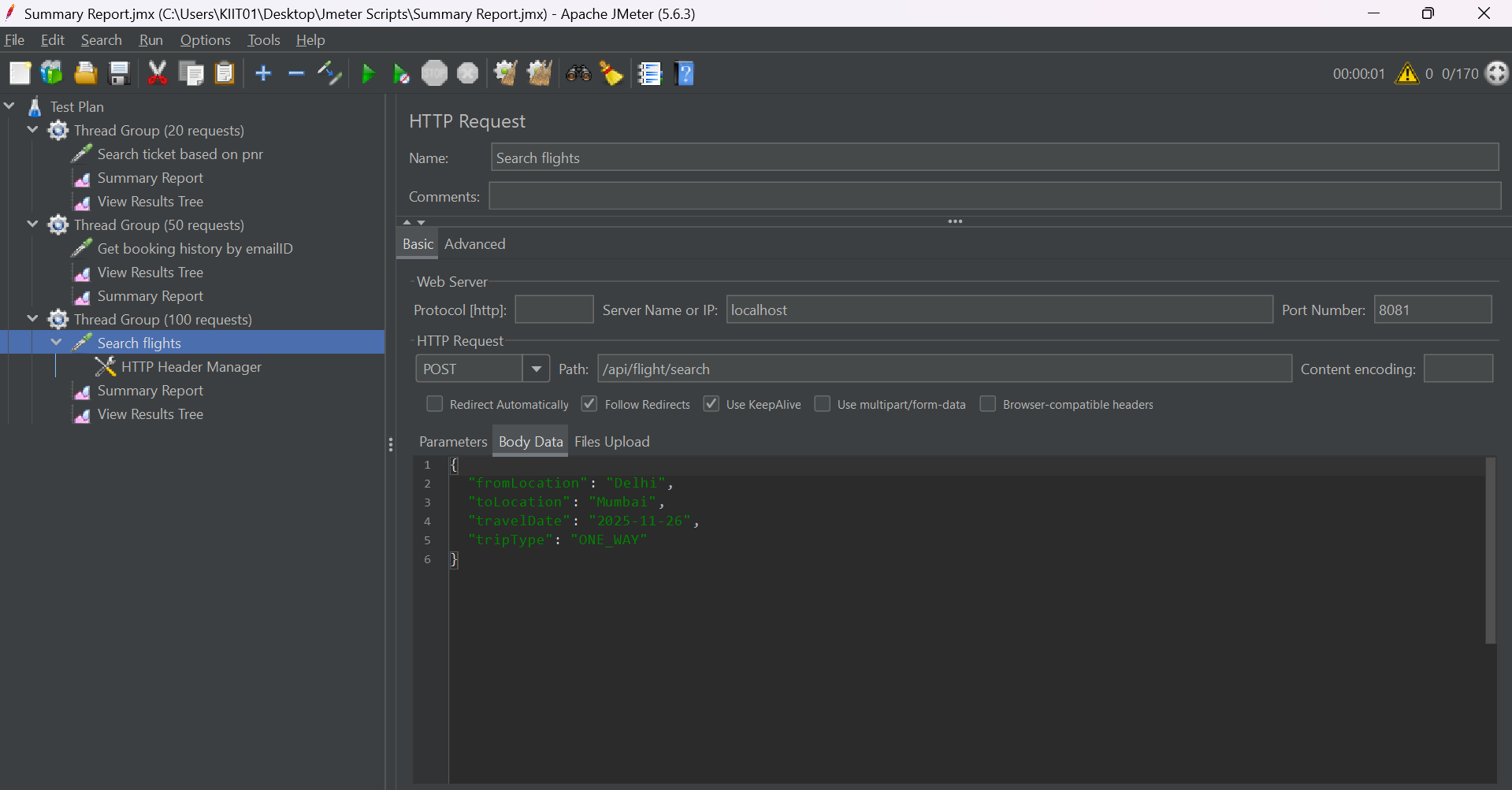


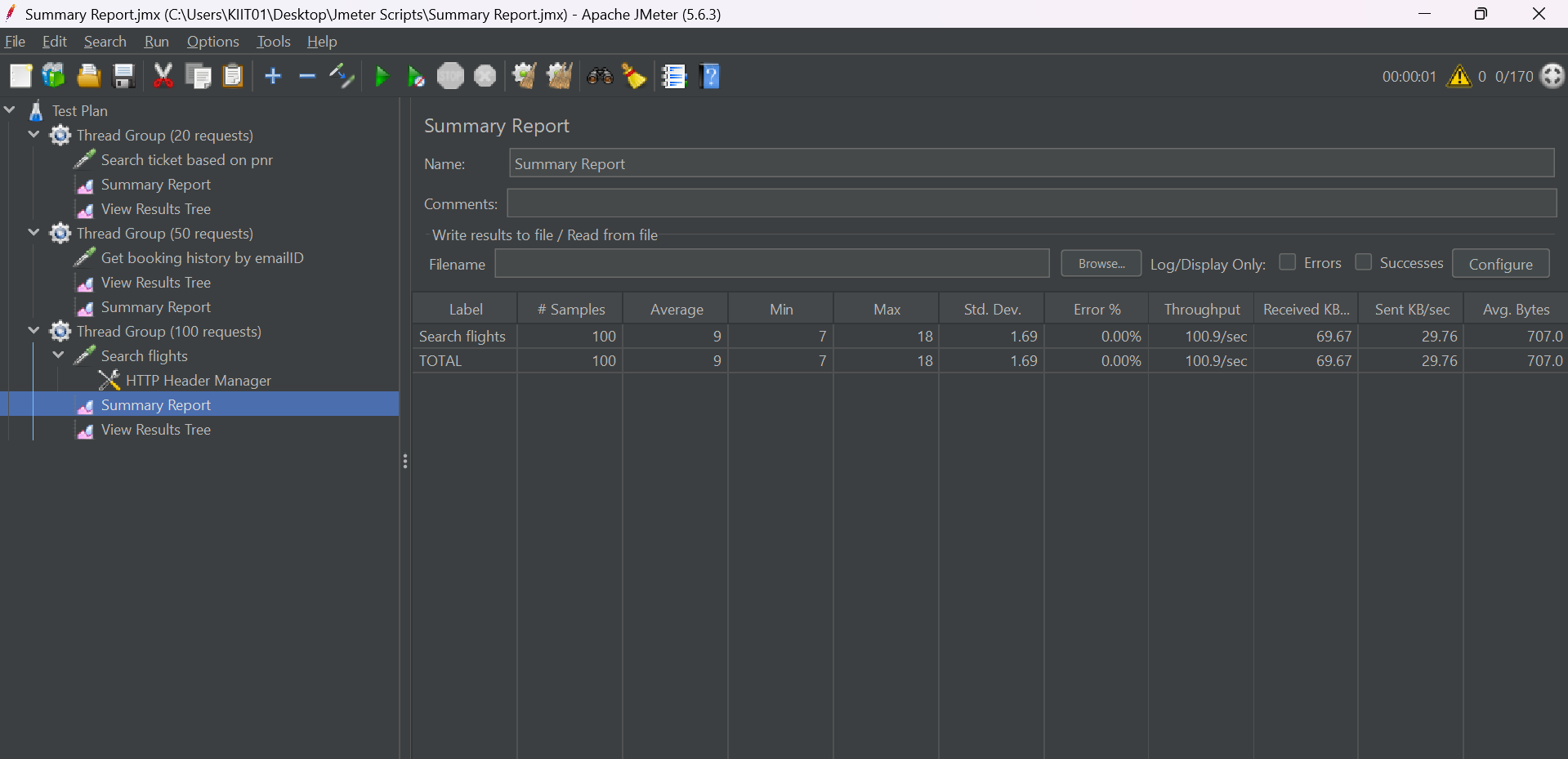


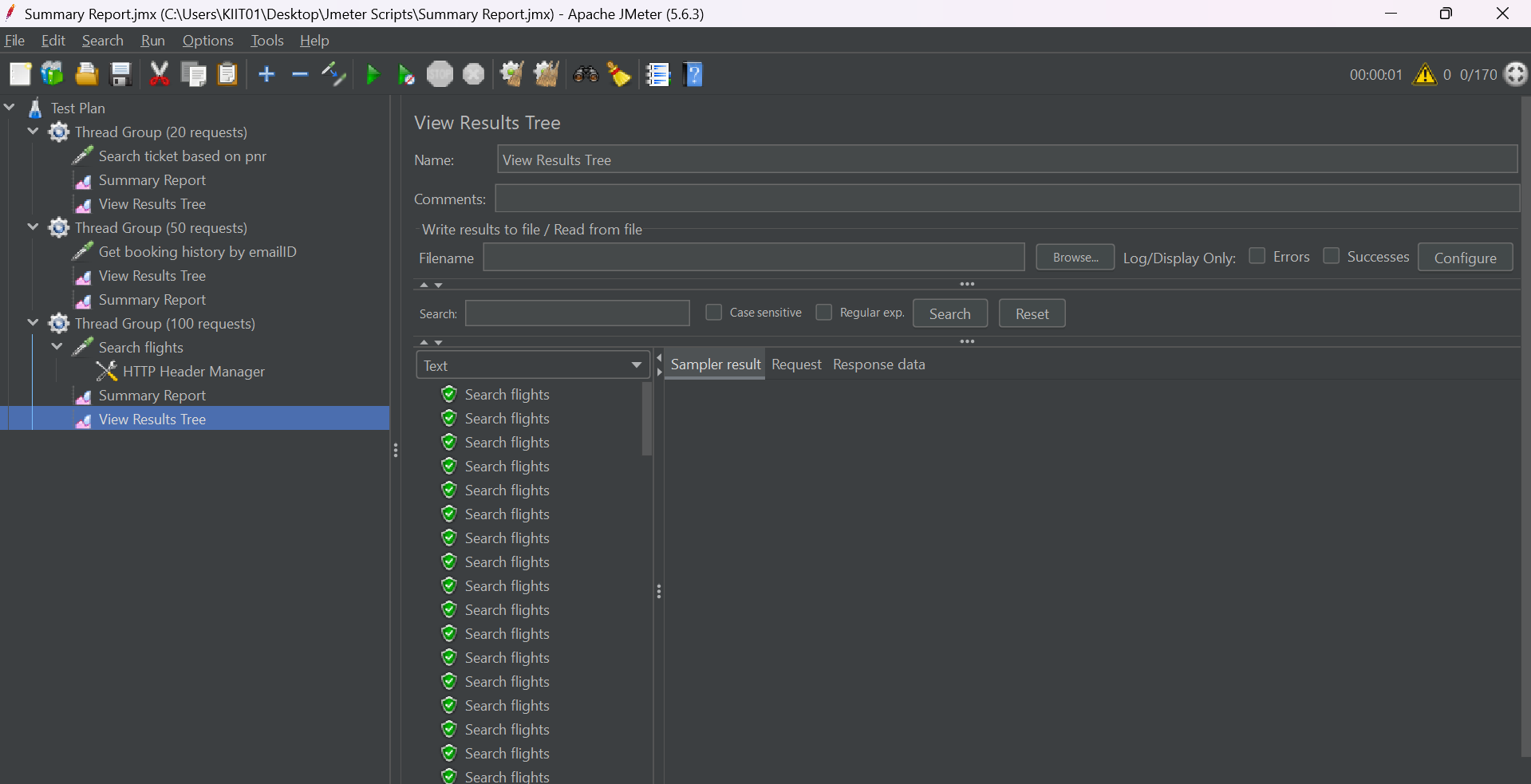


Case 3: 100 requests





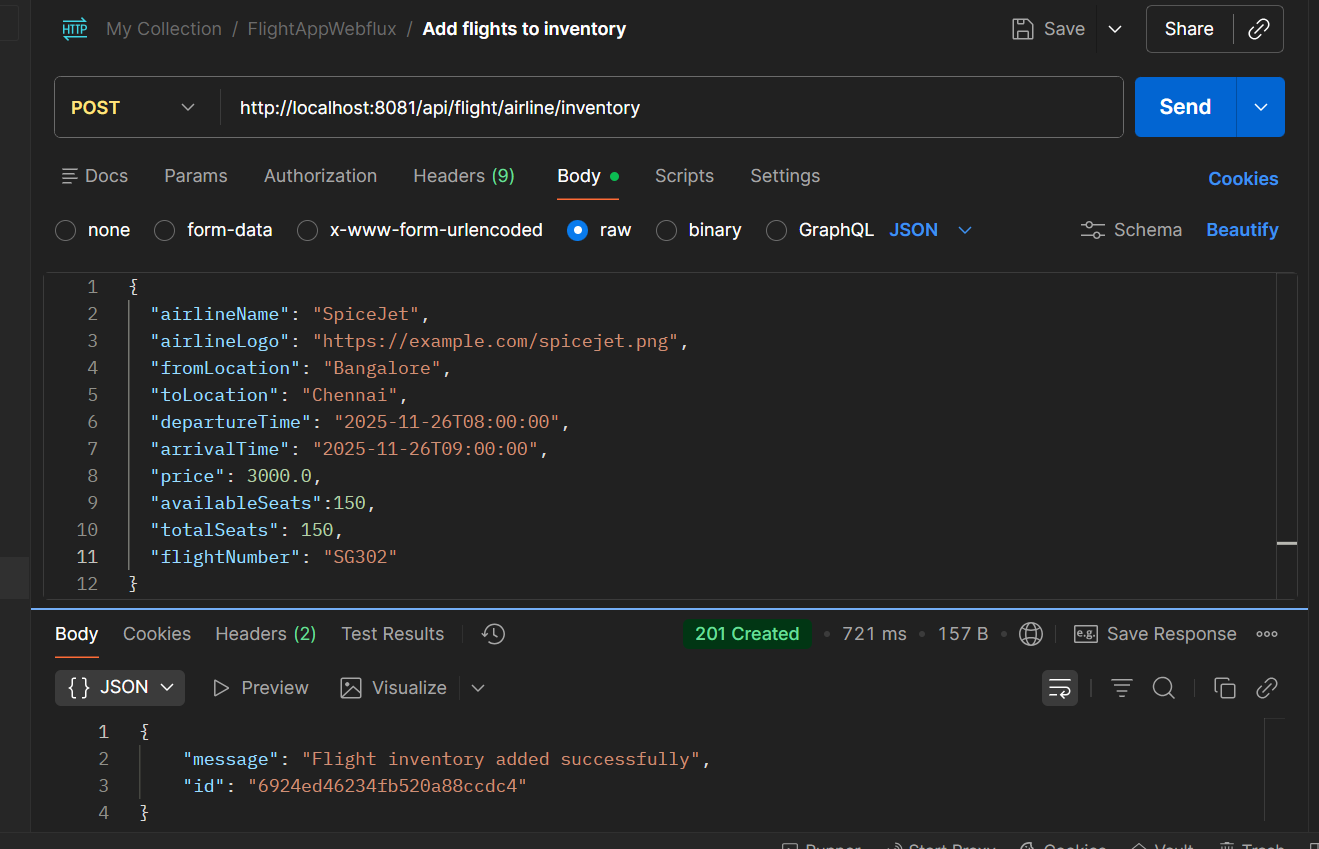




**POSTMAN API ENDPOINT TESTING**

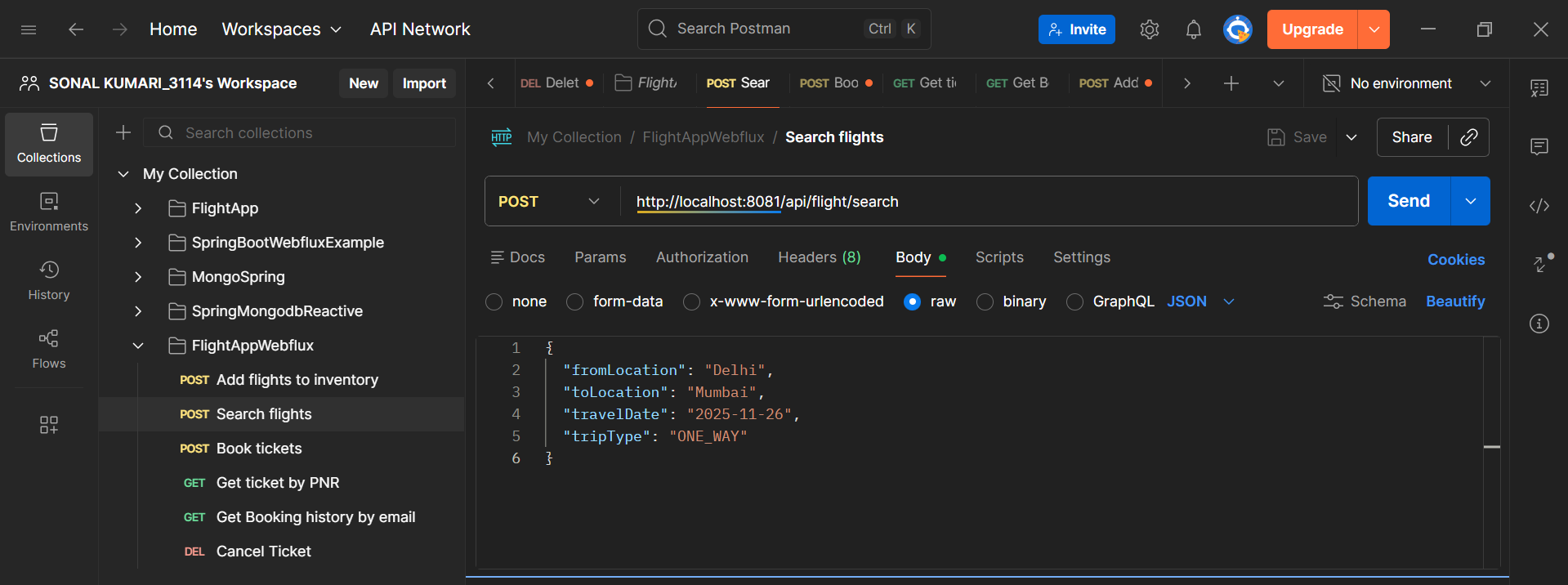
**1. POST:**

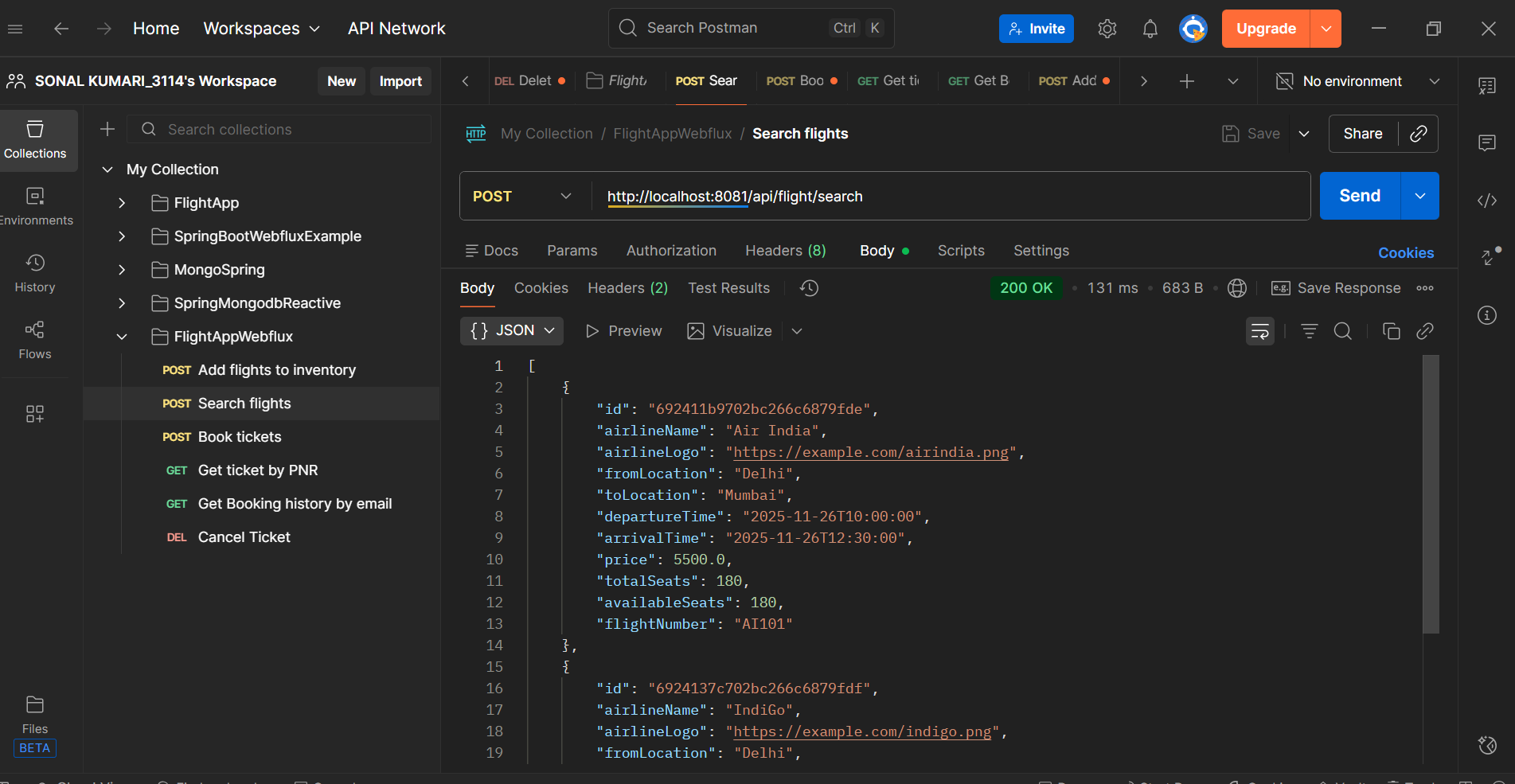
http://localhost:8081/api/flight/airline/inventory



**2. POST:**

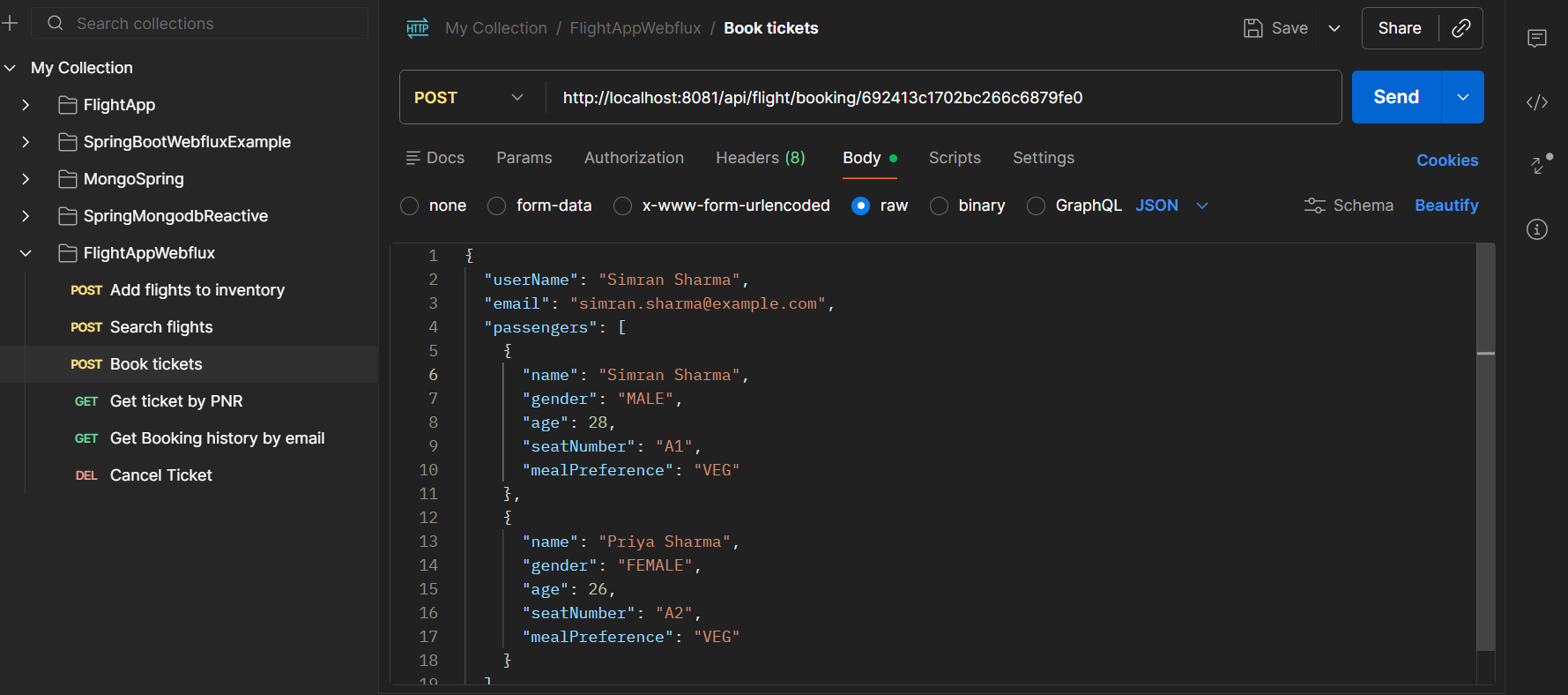
http://localhost:8081/api/flight/search

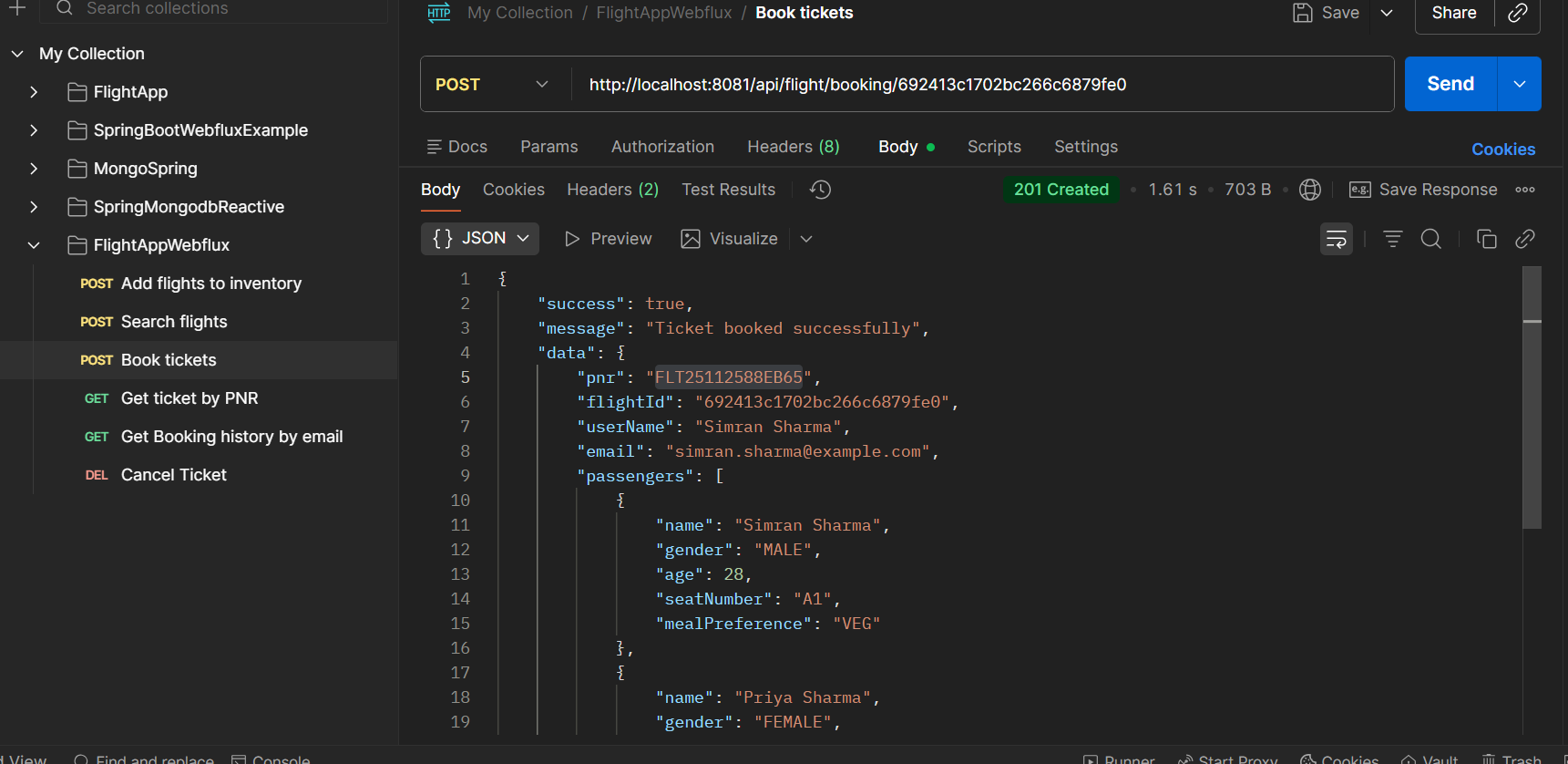




**3. POST:**

<http://localhost:8081/api/flight/booking/692413c1702bc266c6879fe0>



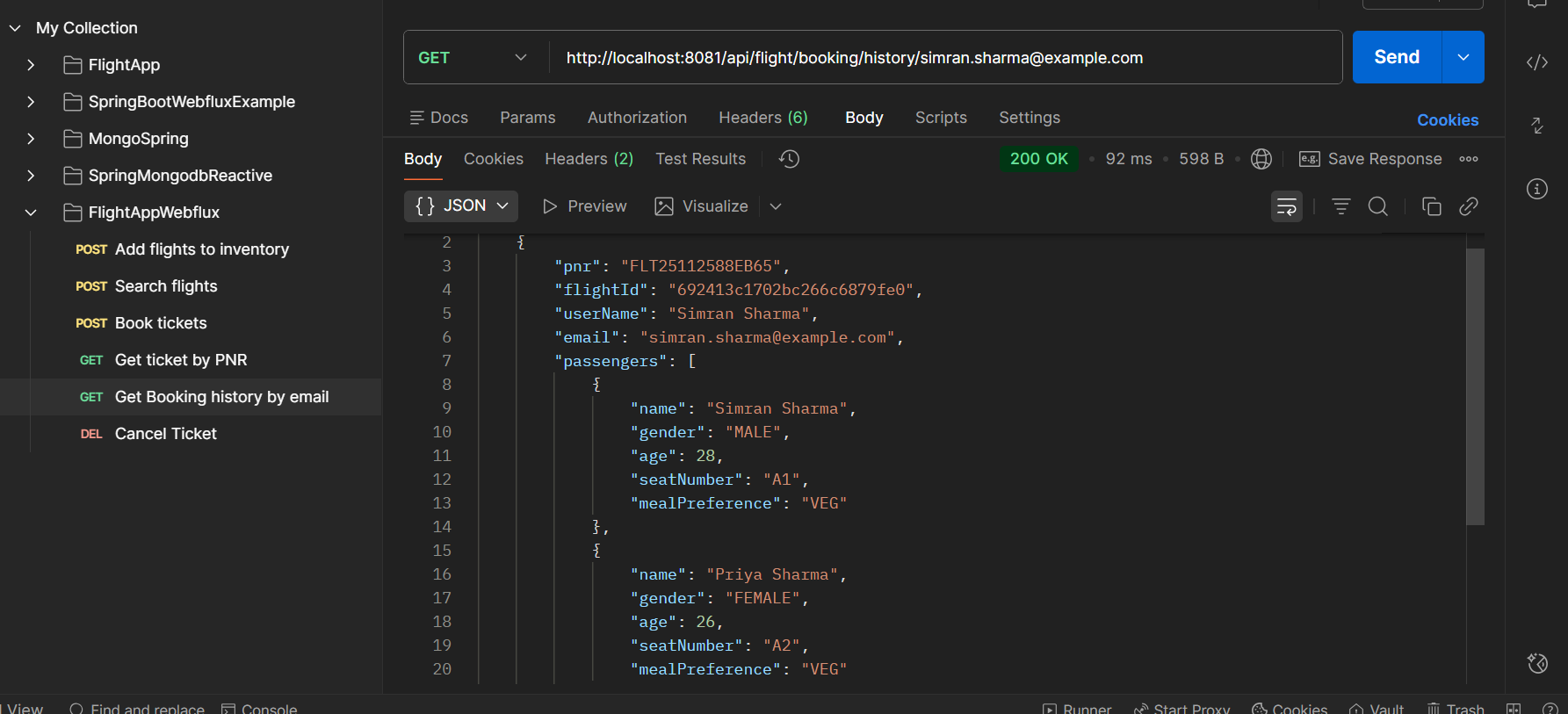


**4. GET: http://localhost:8080/api/ﬂight/booking/ticket/FLT25112588EB65**



**5. GET:**

[**http://localhost:8080/api/ﬂight/booking/history/**](http://localhost:8080/api/%EF%AC%82ight/booking/history/)



**6. DELETE: http://localhost:8080/api/ﬂight/booking/cancel/FLT25112588EB65**

