

Java Developer Role – Practical Test

Requirement

Using any Java tools/framework, develop a backend to implement the following

- Accept a JSON payload via HTTP POST with mandatory field validation
- Simple token based authorization
- Store the content in the database
- Audit the request
- Integration test
- Simple demo using curl
 - o If URL ends in '/nocontent', return HTTP 204
 - o If URL is '/echo', return HTTP 200 and original payload
 - o If URL is '/device', return HTTP 200 and only 'DeviceId' field
 - o Else return HTTP 400

Sample payload

```
{
  "RecordType": "xxx",
  "DeviceId": "357370040159770",
  "EventDateTime": "2014-05-12T05:09:48Z",
  "FieldA": 68,
  "FieldB": "xxx",
  "FieldC": 123.45
}
```