

API Documentation – IDMProject

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1. Overview

This document describes the REST API endpoints for the IDMProject application built with Spring Boot, Maven, Hybernate JPA.

The API allows interaction with [brief description, e.g., user management, store management, etc.].

Base URL: localhost:8080/api

Authentication:

- Type: Bearer Token
- Header: Authorization: Bearer <token>

2. Endpoint List

2.1 Login

POST Login

localhost:8080/api/login

To Authenticate user and return the token

Body formdata

username	bob
	username
password	bob123

Example Request

Login ▾

curl

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```
curl --location 'localhost:8080/api/login' \
--form 'username="bob"' \
--form 'password="bob123"'
```

Example Response

Body

Headers (5)

200 OK

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```
{
  "data": "AN7b7Twf6Ti10pCm",
  "message": "Success",
  "status": 200
}
```

Example Request

Login ▾

curl

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```
curl --location 'localhost:8080/api/login' \
--form 'username="bob"' \
--form 'password="bob123"'
```

Example Response

Body

Headers (5)

401 UNAUTHORIZED

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```
{
  "data": null,
  "message": "Invalid credentials",
  "status": 401
}
```

2.2 Get Store by province name

GET Get Store by Province



localhost:8080/api/get-store-by-province?province=jakarta

AUTHORIZATION Bearer Token

Token <token>

PARAMS

province jakarta

Example Request

Get Store by Province

curl

```
curl --location 'localhost:8080/api/get-store-by-province?province=jakarta'
```

Example Response

Body

Headers (5)

401 UNAUTHORIZED

```
{
  "status": 401,
  "message": "Invalid token",
  "data": null
}
```

Example Request

Get Store by Province ▾

curl

```
curl --location 'localhost:8080/api/get-store-by-province?province=jakarta'
```

Example Response

Body

Headers (5)

200 OK

```
{
  "data": [
    {
      "name": "Store 9",
      "id": 9,
      "address": "Street 109",
      "provinceName": "DKI Jakarta",
      "telp": "08296500166",
      "whitelist": false,
      "post_Code": "10009"
    }
  ],

```

View More

2.3 Manage Whitelist

POST Manage whitelist



localhost:8080/api/update-whitelist

AUTHORIZATION Bearer Token

Token <token>

Body formdata

store_ids	10,20,30 list id of store
is_whitelist	false true / false

Example Request

Manage whitelist ▾

curl

```
curl --location 'localhost:8080/api/update-whitelist' \  
--form 'store_ids="10,20,30" \  
--form 'is_whitelist="false"'
```

Example Response

Body Headers (5)

200 OK

```
{  
  "data": null,  
  "message": "Success",  
  "status": 200  
}
```

2.4 Update Branch

PUT Update Branch



localhost:8080/api/update-branch/1

AUTHORIZATION Bearer Token

Token <token>

Body formdata

new_name Branch New
new name
province_id 1

Example Request

Update Branch

curl

```
curl --location --request PUT 'localhost:8080/api/update-branch/1' \
--form 'new_name="Branch New"' \
--form 'province_id="1"'
```

Example Response

Body

Headers (5)

200 OK

```
{
  "data": "1",
  "message": "Success",
  "status": 200
}
```

2.5 Delete Branch

DELETE Delete Branch

localhost:8080/api/delete-branch/1

HEADERS

Authorization Bearer e3duNHObqWAetemp

Body formdata

new_name Branch New
list id of store

province_id 1

Example Request

Delete Branch

curl

```
curl --location --request DELETE 'localhost:8080/api/delete-branch/1' \
--header 'Authorization: Bearer e3duNHObqWAetemp' \
--form 'new_name="Branch New"' \
--form 'province_id="1"'
```

Example Response

200 OK

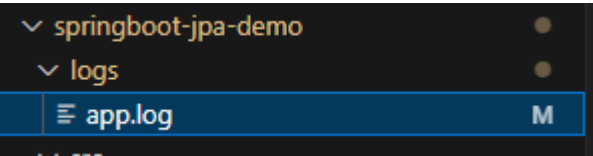
Body

Headers (5)

```
{
  "data": "1",
  "message": "Success",
  "status": 200
}
```

3. Additional Technical Information

3.1 Log file

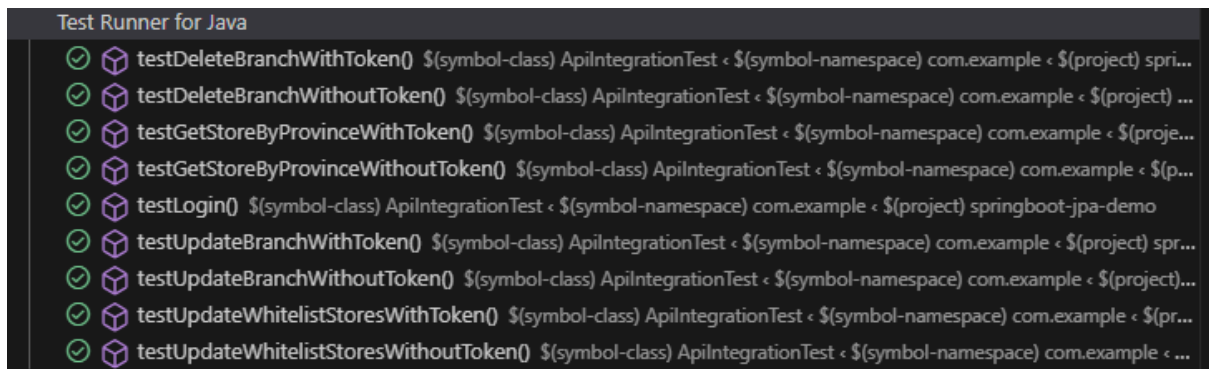
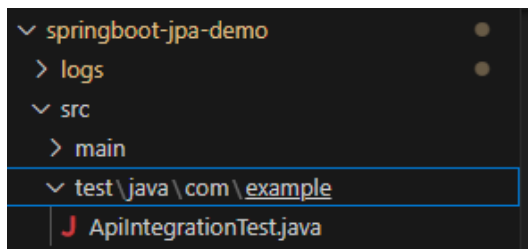


```

0 2025-10-24 07:59:46 INFO USER_REQUEST_LOG - 2025-10-24T07:59:46.699400300 | User: Anonymous | Method: GET | Path: /api/update-whitelist
1 2025-10-24 07:59:46 INFO USER_REQUEST_LOG - 2025-10-24T07:59:46.804339100 | User: Anonymous | Method: GET | Path: /favicon.ico
2 2025-10-24 08:39:30 INFO USER_REQUEST_LOG - 2025-10-24T08:39:30.558199700 | User: Anonymous | Method: POST | Path: /api/login
3 2025-10-24 08:42:17 INFO USER_REQUEST_LOG - 2025-10-24T08:42:16.999011500 | User: Anonymous | Method: POST | Path: /api/login
4 2025-10-24 08:44:40 INFO USER_REQUEST_LOG - 2025-10-24T08:44:40.297063300 | User: Anonymous | Method: POST | Path: /api/login
5 2025-10-24 08:45:47 INFO USER_REQUEST_LOG - 2025-10-24T08:45:47.016296200 | User: bob | Method: GET | Path: /api/get-store-by-province
6 2025-10-24 08:48:08 INFO USER_REQUEST_LOG - 2025-10-24T08:48:08.899031100 | User: bob | Method: POST | Path: /api/update-whitelist
7 2025-10-24 08:49:45 INFO USER_REQUEST_LOG - 2025-10-24T08:49:45.483904 | User: bob | Method: PUT | Path: /api/update-branch/1
8 2025-10-24 08:50:10 INFO USER_REQUEST_LOG - 2025-10-24T08:50:10.281526300 | User: Anonymous | Method: DELETE | Path: /api/delete-branch/1
9 2025-10-24 08:50:27 INFO USER_REQUEST_LOG - 2025-10-24T08:50:27.023083600 | User: bob | Method: DELETE | Path: /api/delete-branch/1

```

3.2 Test Cases



3.2 Whitelist store will always appear in any location

GET ⌵ localhost:8080/api/get-store-by-province?province=jakarta

Params • Headers Body

Query Params

<input checked="" type="checkbox"/> Key	Value
<input checked="" type="checkbox"/> province	jakarta
Key	Value

Body Headers (5)

 **Raw** ⌵ ▶ Preview

```
14      "address": null,
15      "provinceName": "DKI Jakarta",
16      "telp": "0845433623",
17      "whitelist": false,
18      "post_Code": null
19    },
20    {
21      "name": "Store 1",
22      "id": 1,
23      "address": "Street 101",
24      "provinceName": "Aceh",
25      "telp": "08750389545",
26      "whitelist": true,
27      "post_Code": null
28    },
29  ],
30  {
31    "name": "Store 2",
32    "id": 2,
33    "address": null,
34    "provinceName": "Riau",
35    "telp": null,
36    "whitelist": true,
```