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Programs

The screenshot shows the Postman application interface. On the left, there's a sidebar with 'My Workspace' containing collections for 'API_IBIK' (Programs, Program Study, Student) and 'API_LJIK' (Programs). The main area shows a POST request to 'localhost:8080/api/programs'. The body is set to JSON with the following payload:

```
1
2   ...
3     "name": "scholarship",
4     "description": "undergraduate",
5     "is_active": 1
```

The response status is 200 OK, with a duration of 45 ms and a size of 278 B. The response body is:

```
1
2   {
3     "result": true,
4     "message": [],
5     "data": [
6       {
7         "id": 7,
8         "name": "scholarship",
9         "description": "undergraduate"
10        }
11      ]
12    }
```

Gambar 1 Create Success

This screenshot shows the same Postman setup as the previous one, but with a different response. The body of the JSON payload is identical to the successful one above, but the response status is 400 Bad Request, with a duration of 11 ms and a size of 203 B. The response body is:

```
1
2   {
3     "result": false,
4     "message": [
5       "Name is required"
6     ],
7     "data": null
8   }
```

Gambar 2 Create Error

The screenshot shows the Postman application interface. On the left, there's a sidebar with various sections like Home, Workspaces, API Network, and Explore. Under 'My Workspace', there's a collection named 'API_IBIK' which contains a 'Programs' folder. Inside 'Programs', there are several requests: 'POST Insert Program', 'GET Find All Program' (which is selected), 'GET Find By Id', 'PUT Update Programs', and 'DEL Delete'. Below this, there are 'Program Study' and 'Student' sections with their own requests. The main workspace shows a 'Find All Program' request with a 'GET' method, targeting 'localhost:8080/api/programs'. The response status is '200 OK' with a duration of '23 ms' and a size of '278 B'. The response body is a JSON object:

```
1  "result": true,
2  "message": [],
3  "data": [
4    {
5      "id": 7,
6      "name": "scholarship",
7      "description": "undergraduate"
8    }
]
```

Gambar 3 Retrieve Success

This screenshot is nearly identical to Gambar 3, showing the same Postman interface and workspace structure. The difference is in the main workspace where a new request has been added: 'GET Find By Id'. This request also targets 'localhost:8080/api/programs/7'. The response status is '200 OK' with a duration of '42 ms' and a size of '278 B'. The response body is identical to the one in Gambar 3.

Gambar 4 Retrieve Success

The screenshot shows the Postman interface with the following details:

- Left Sidebar:** My Workspace, Collections, APIs, Environments, Mock Servers, Monitors, Flows, History.
- Request URL:** PUT /localhost:8080/api/programs
- Method:** PUT
- Body (JSON):**

```
1
2   ...
3     "id": 7,
4     ...
5       "name": "exchange",
6       ...
7         "description": "to germany",
8         ...
9           "is_active": 1
```
- Response Status:** 200 OK
- Response Body (JSON):**

```
1
2   "result": true,
3   "message": [],
4   "data": [
5     {
6       "id": 7,
7       "name": "exchange",
8       "description": "to germany"
9     }
]
```

Gambar 5 Update Success

The screenshot shows the Postman interface with the following details:

- Left Sidebar:** My Workspace, Collections, APIs, Environments, Mock Servers, Monitors, Flows, History.
- Request URL:** PUT /localhost:8080/api/programs
- Method:** PUT
- Body (JSON):**

```
1
2   ...
3     "id": 7,
4     ...
5       "name": "",
6       ...
7         "description": "to germany",
8         ...
9           "is_active": 1
```
- Response Status:** 400 Bad Request
- Response Body (JSON):**

```
1
2   "result": false,
3   "message": [
4     "Name is required"
5   ],
6   "data": null
```

Gambar 6 Update Error

The screenshot shows the Postman interface with the following details:

- Left Sidebar:** My Workspace, Collections, APIs, Environments, Mock Servers, Monitors, Flows, History.
- Request URL:** DELETE localhost:8080/api/programs/7
- Headers:** Authorization, Headers (6), Body, Pre-request Script, Tests, Settings, Cookies.
- Query Params:** Key: Key, Value: Value, Description: Description.
- Body:** 200 OK, 49 ms, 225 B. Response body (Pretty):

```
1 "result": true,
2 "message": [
3     "Successfully Remove"
4 ],
5 "data": null
```
- Bottom Bar:** Online, Find and Replace, Console, Cookies, Capture requests, Bootcamp, Runner, Trash, ENG INTL, 22:29, 21/10/2022.

Gambar 7 Delete Success

The screenshot shows the Postman interface with the following details:

- Left Sidebar:** My Workspace, Collections, APIs, Environments, Mock Servers, Monitors, Flows, History.
- Request URL:** DELETE localhost:8080/api/programs/8
- Headers:** Authorization, Headers (6), Body, Pre-request Script, Tests, Settings, Cookies.
- Query Params:** Key: Key, Value: Value, Description: Description.
- Body:** 400 Bad Request, 9 ms, 273 B. Response body (Pretty):

```
1 "result": false,
2 "message": [
3     "No class com.ibik.academic.academicservices.programs.Programs entity with id 8 exists!"
4 ],
5 "data": null
```
- Bottom Bar:** Online, Find and Replace, Console, Cookies, Capture requests, Bootcamp, Runner, Trash, ENG INTL, 22:29, 21/10/2022.

Gambar 8 Delete Error

Program Study

The screenshot shows the Postman interface with the following details:

- Collection:** API_LIBIK / Program Study / Insert Program Study
- Method:** POST
- URL:** localhost:8080/api/program_study
- Body:** JSON (Pretty)
- Request Body:**

```
1
2   ...
3     "name": "Teknologi Informasi",
4     "description": "S1",
5     "code": "TI PA",
6     "program_id": 20,
7     "faculty_id": 23,
8     "department_id": 1,
9     "is_active": 1
```
- Response Status:** 200 OK
- Response Time:** 25 ms
- Response Size:** 341 B
- Response Body:**

```
1
2   {
3     "result": true,
4     "message": [],
5     "data": [
6       {
7         "id": 17,
8         "name": "Teknologi Informasi",
9         "description": "S1",
10        "code": "TI PA",
11        "program_id": 20,
12        "faculty_id": 23,
13        "department_id": 1,
14        "is_active": 1
15      }
16    ]
17  }
```

Gambar 9 Create Success

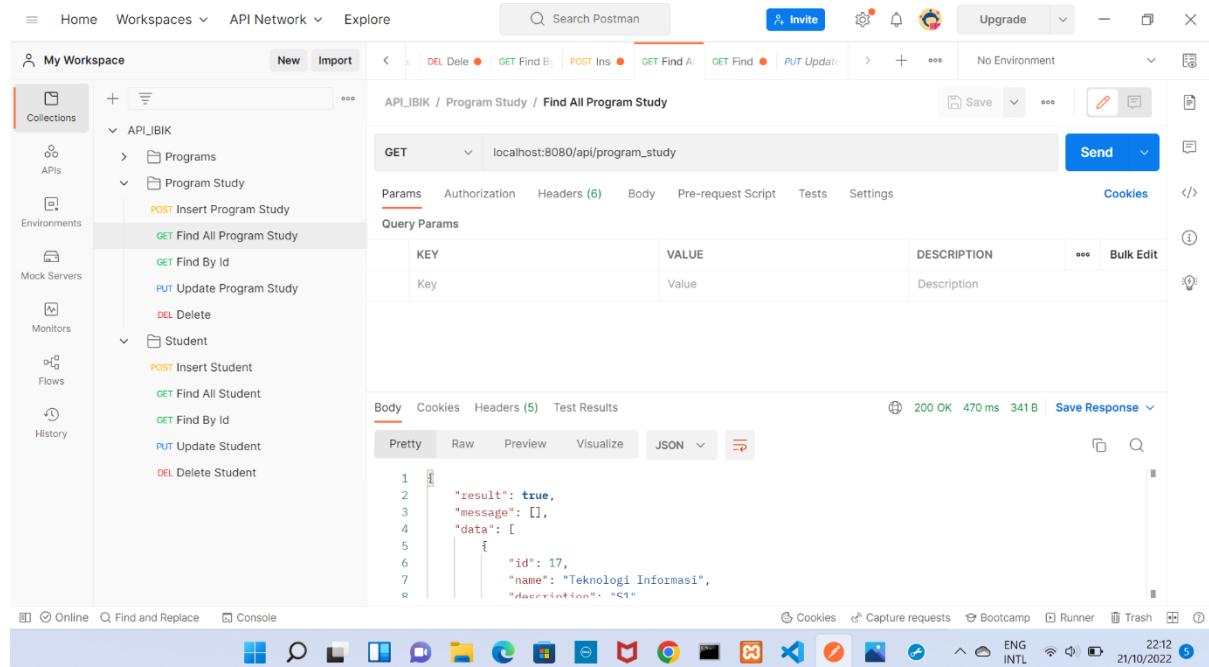
The screenshot shows the Postman interface with the following details:

- Collection:** API_LIBIK / Program Study / Insert Program Study
- Method:** POST
- URL:** localhost:8080/api/program_study
- Body:** JSON (Pretty)
- Request Body:**

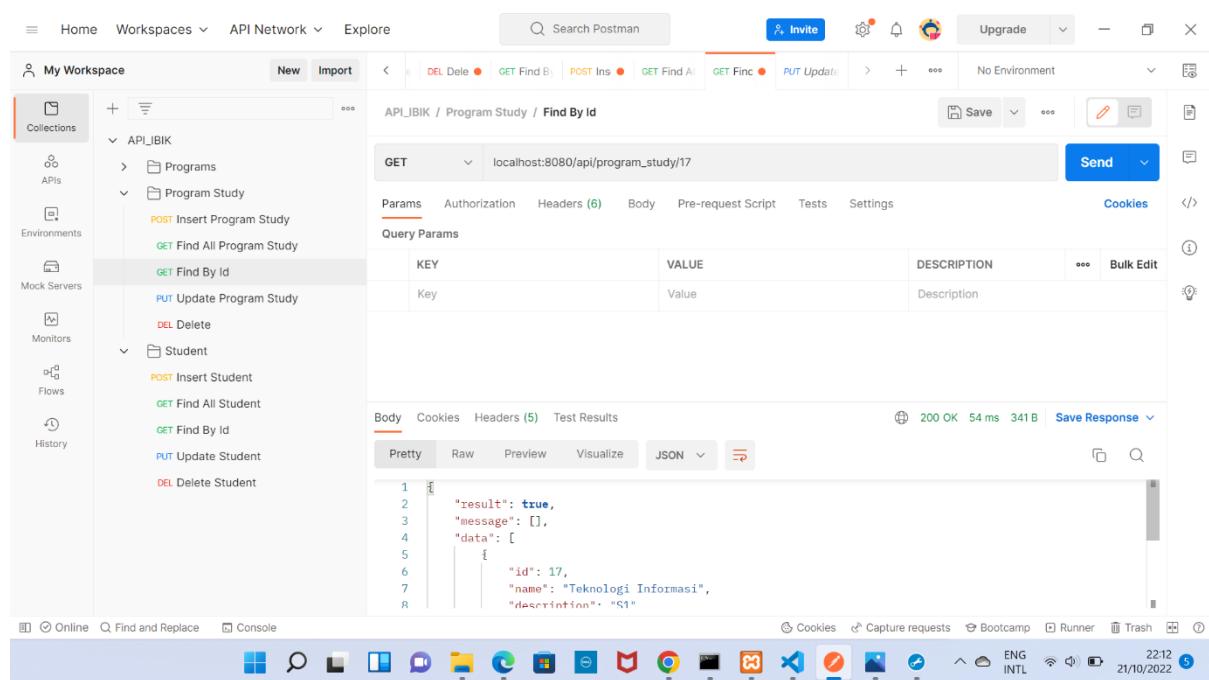
```
1
2   ...
3     "name": "",
4     "description": "S1",
5     "code": "TI PA",
6     "program_id": 20,
7     "faculty_id": 23,
8     "department_id": 1,
9     "is_active": 1
```
- Response Status:** 400 Bad Request
- Response Time:** 63 ms
- Response Size:** 203 B
- Response Body:**

```
1
2   {
3     "result": false,
4     "message": [
5       "Name is required"
6     ],
7     "data": null
8   }
```

Gambar 10 Create Error



Gambar 11 Retrive Success



Gambar 12 Retrive Success

The screenshot shows the Postman interface with the following details:

- Collection:** My Workspace
- Request:** GET /api/program_study/2
- Headers:** Authorization, Headers (6)
- Body:** None
- Test Results:** Status: 400 Bad Request, Time: 19 ms, Size: 203 B
- Response Body:**

```
1
2 "result": false,
3 "message": [
4 |   "No value present"
5 ],
6 "data": null
7
```

Gambar 13 Retrieve Error

The screenshot shows the Postman interface with the following details:

- Collection:** My Workspace
- Request:** PUT /api/program_study
- Headers:** Authorization, Headers (8)
- Body:** JSON (with data: {"name": "AKutansi", "description": "S1", "code": "AK PA", "program_id": 22, "faculty_id": 23, "department_id": 100, "is_active": 1})
- Test Results:** Status: 200 OK, Time: 90 ms, Size: 332 B
- Response Body:**

```
1
2 "result": true,
3 "message": [],
4 "data": [
5 |   {
6 |     "id": 17,
7 |     "name": "Akutansi",
8 |     "description": "S1"
9 |   }
10 ]
```

Gambar 14 Update Success

The screenshot shows the Postman interface with the following details:

- Left Sidebar:** My Workspace, Collections, APIs, Environments, Mock Servers, Monitors, Flows, History.
- Request Details:** API_IBIK / Program Study / Update Program Study, PUT, localhost:8080/api/program_study.
- Body Tab:** Body (8), Params, Authorization, Headers (8), Body (highlighted), Pre-request Script, Tests, Settings, Cookies, Beautify. The body contains JSON data for updating a program study.
- Response Tab:** Status 400 Bad Request, 13 ms, 203 B. The response body indicates failure due to required code being missing.
- Bottom Bar:** Online, Find and Replace, Console, Cookies, Capture requests, Bootcamp, Runner, Trash, ENG INTL, 2213, 21/10/2022.

Gambar 15 Update Error

The screenshot shows the Postman interface with the following details:

- Left Sidebar:** My Workspace, Collections, APIs, Environments, Mock Servers, Monitors, Flows, History.
- Request Details:** API_IBIK / Program Study / Delete, DELETE, localhost:8080/api/program_study/17.
- Headers Tab:** Headers (6), Params, Authorization, Body, Pre-request Script, Tests, Settings, Cookies.
- Query Params Table:** KEY (Key), VALUE (Value), DESCRIPTION (Description), Bulk Edit.
- Response Tab:** Status 200 OK, 47 ms, 225 B. The response body indicates success with a message about removal.
- Bottom Bar:** Online, Find and Replace, Console, Cookies, Capture requests, Bootcamp, Runner, Trash, ENG INTL, 2214, 21/10/2022.

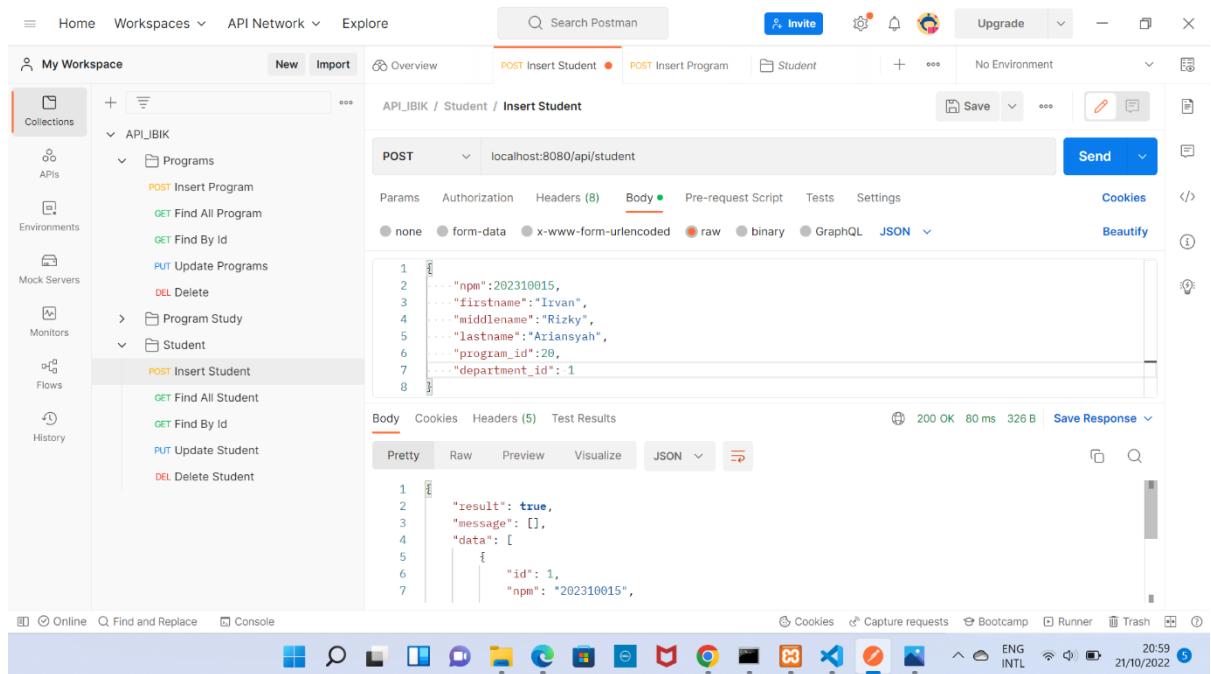
Gambar 16 Delete Success

The screenshot shows the Postman application interface. The left sidebar is titled "My Workspace" and contains sections for Collections, APIs, Environments, Mock Servers, Monitors, Flows, and History. Under "APIs", there is a collection named "API_IBIK" which contains two items: "Programs" and "Program Study". The "Program Study" item is expanded, showing four requests: "POST Insert Program Study", "GET Find All Program Study", "GET Find By Id", and "PUT Update Program Study". Below these is a "DEL Delete" item, which is currently selected. The main workspace shows a "DELETE" request to "localhost:8080/api/program_study/15". The "Params" tab is selected, showing a single parameter "Key" with value "Value". The "Body" tab shows a JSON response:

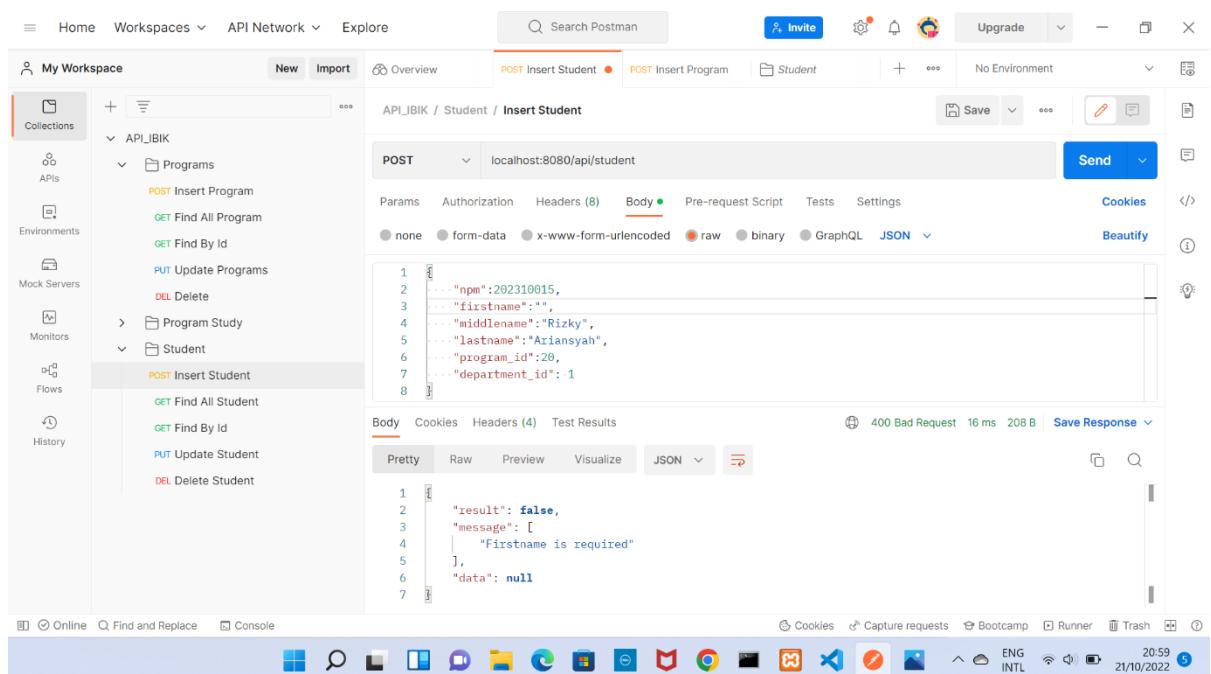
```
1
2   "result": false,
3   "message": [
4     "No class com.ibik.academic.academicservices.ProgramStudy entity with id 15 exists!"
5   ],
6   "data": null
7
```

Gambar 17 Dellete Error

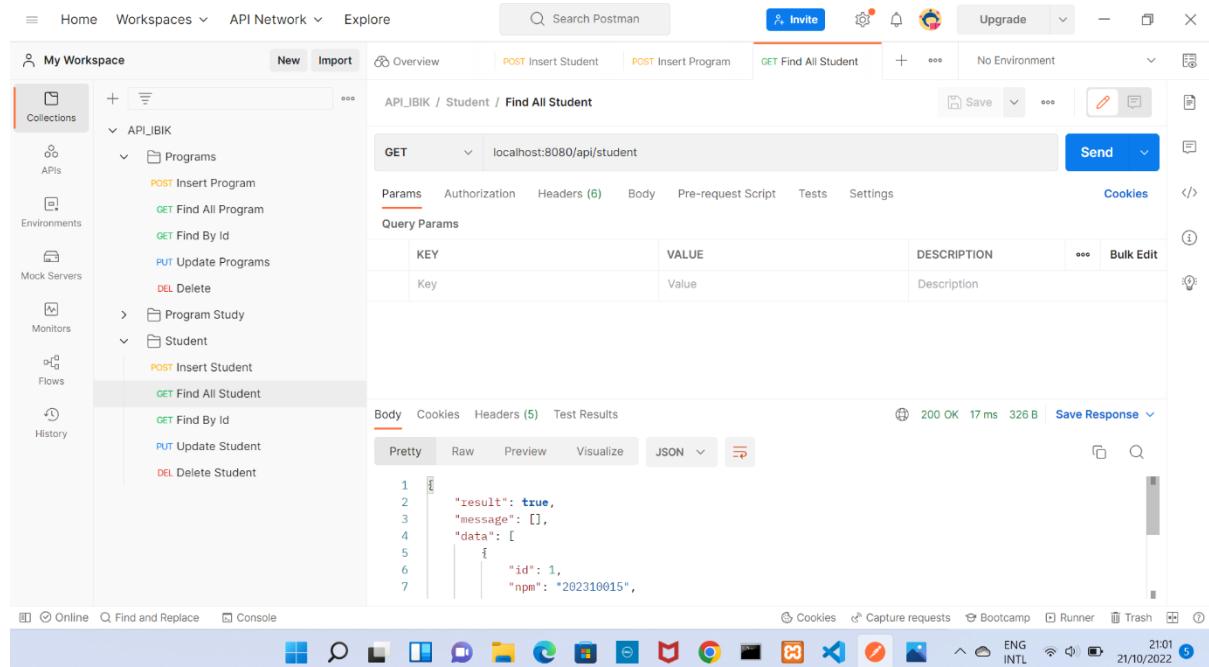
Student



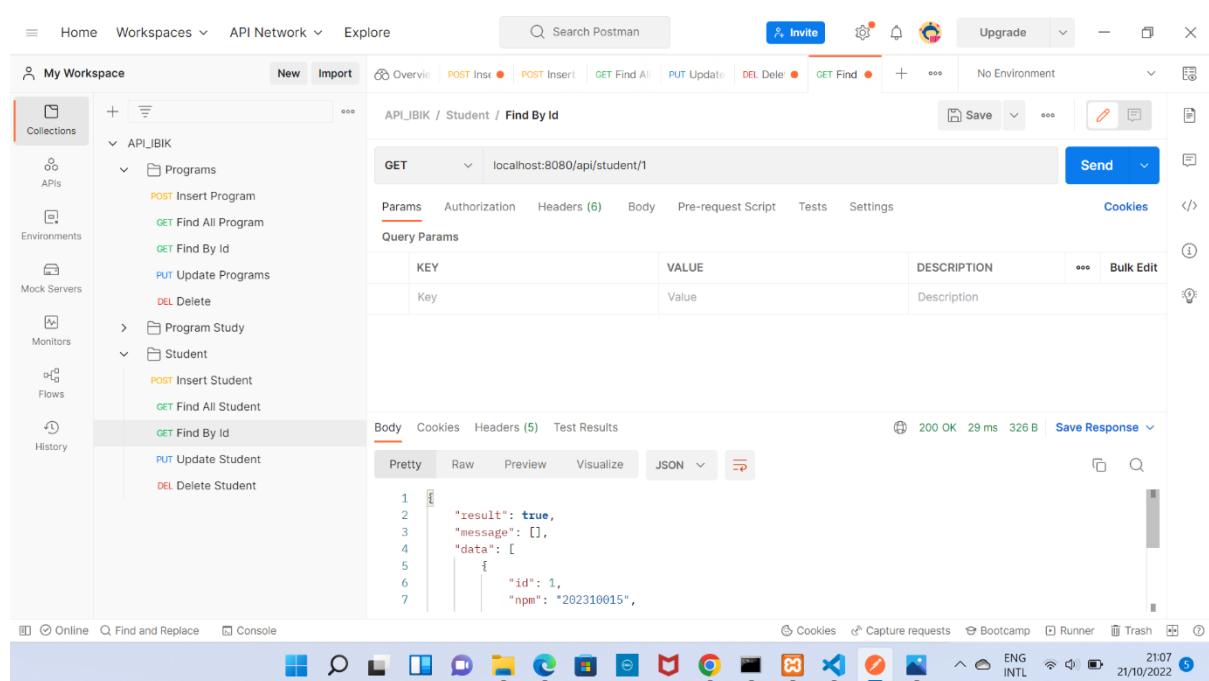
Gambar 18 Create Success



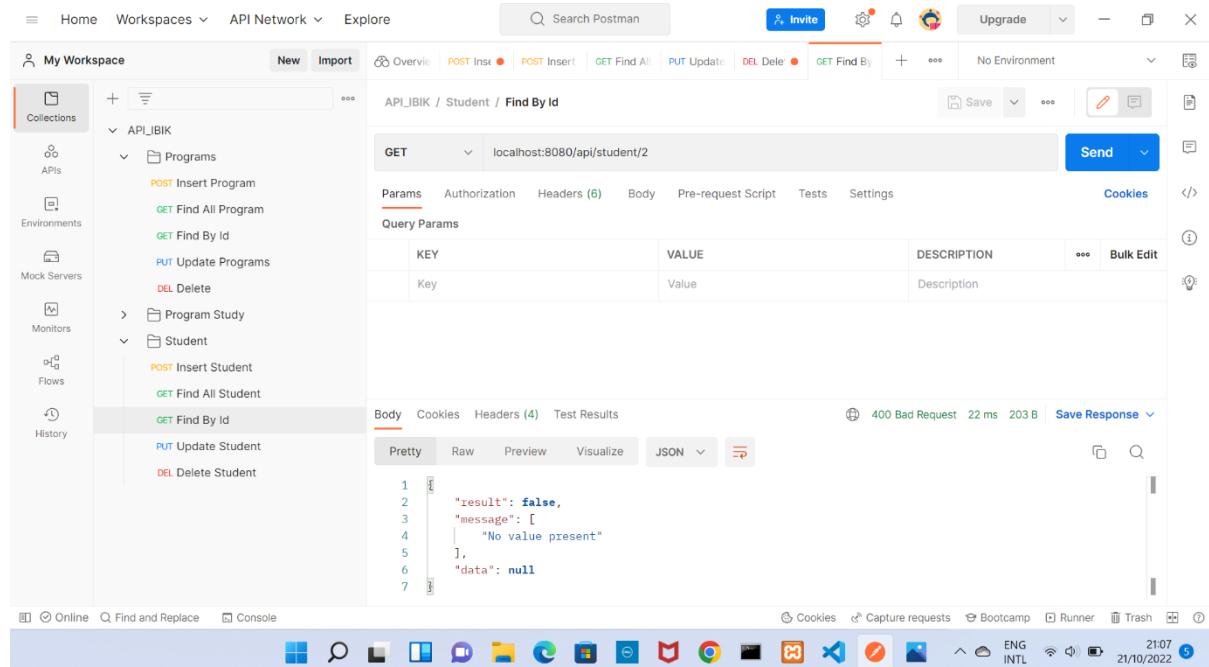
Gambar 19 Create Error



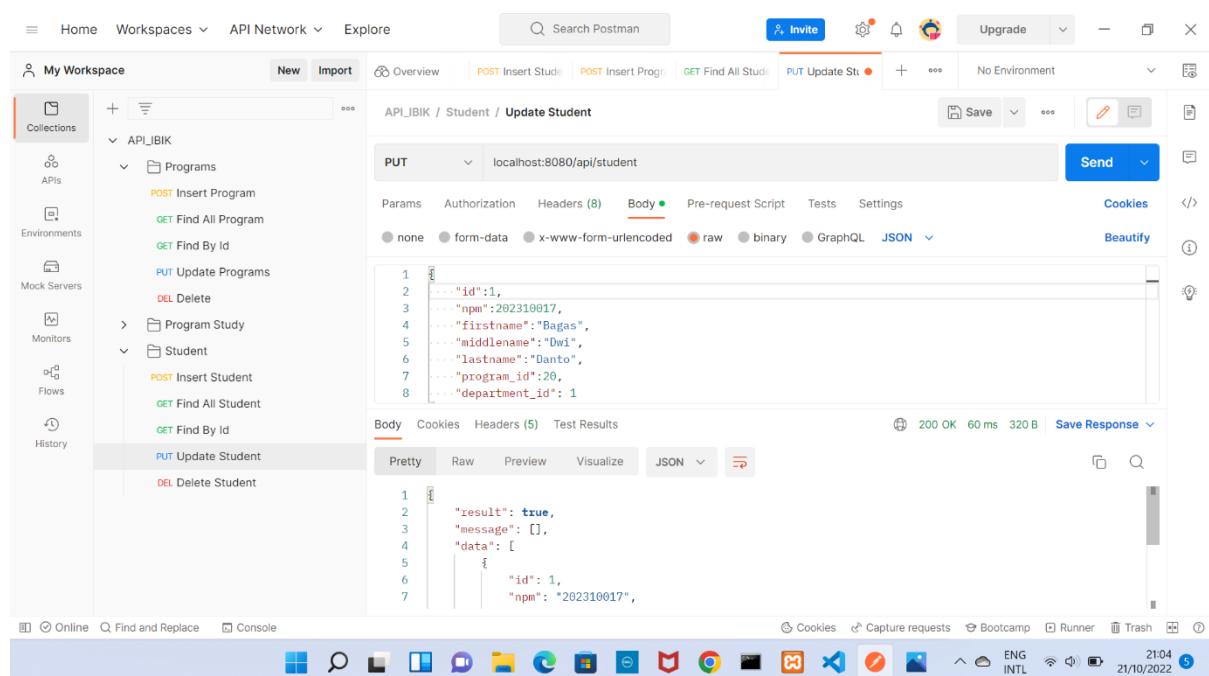
Gambar 20 Retrieve Success



Gambar 21 Retrive Success



Gambar 22 Retrieve Error



Gambar 23 Update Success

The screenshot shows the Postman interface with the following details:

- Left Sidebar:** My Workspace, Collections, APIs, Environments, Mock Servers, Monitors, Flows, History.
- Request Details:** API_IBIK / Student / Update Student, PUT method, localhost:8080/api/student endpoint.
- Body Tab:** Body type is JSON, containing the following data:

```
1
2   ...
3     "id":1,
4     "npm":202310017,
5     "firstname":"",
6     "middlename":"Dwi",
7     "lastname":"Danto",
8     "program_id":20,
9     "department_id": 1
```
- Response Tab:** Status 400 Bad Request, 16 ms, 208 B. Response body:

```
1
2   "result": false,
3   "message": [
4     "Firstname is required"
5   ],
6   "data": null
```
- Bottom Bar:** Online, Find and Replace, Console, Cookies, Capture requests, Bootcamp, Runner, Trash, ENG INTL, 21/10/2022.

Gambar 24 Update Error

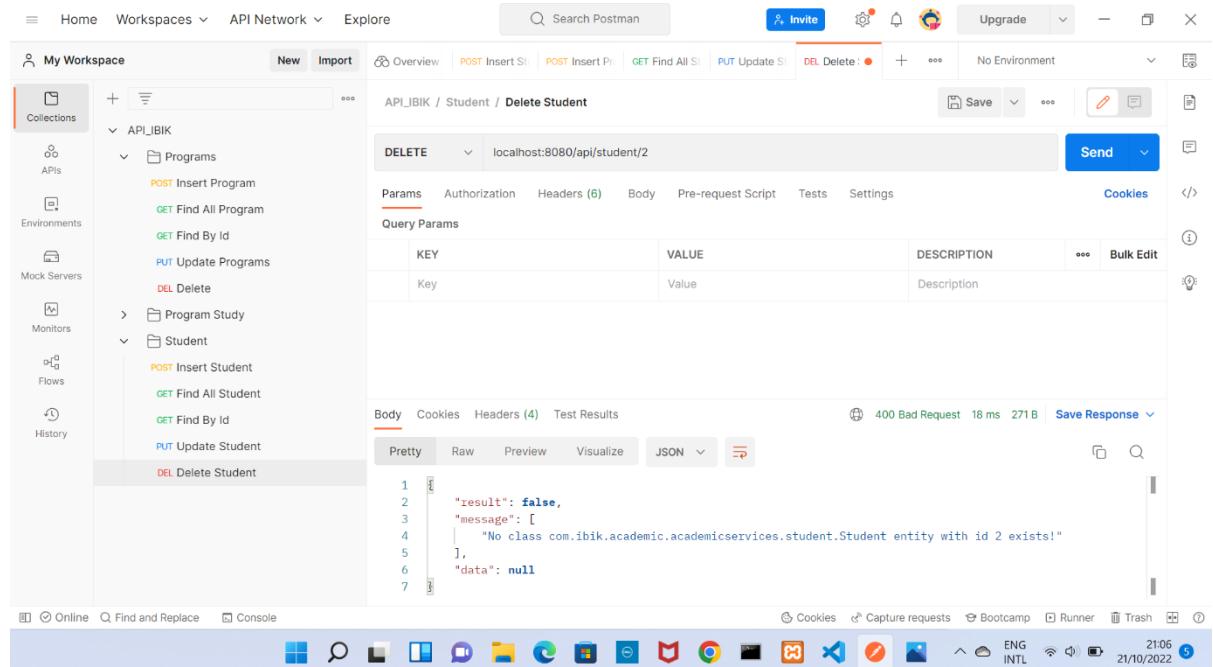
The screenshot shows the Postman interface with the following details:

- Left Sidebar:** My Workspace, Collections, APIs, Environments, Mock Servers, Monitors, Flows, History.
- Request Details:** API_IBIK / Student / Delete Student, DELETE method, localhost:8080/api/student/1 endpoint.
- Headers Tab:** Headers (6) tab is selected.
- Query Params Tab:** KEY column has 'Key' and VALUE column has 'Value'. DESCRIPTION column has 'Description'.
- Body Tab:** Body type is JSON, containing the following data:

```
1
2   "result": true,
3   "message": [
4     "Successfully Remove"
5   ],
6   "data": null
```
- Response Tab:** Status 200 OK, 74 ms, 225 B. Response body:

```
1
2   "result": true,
3   "message": [
4     "Successfully Remove"
5   ],
6   "data": null
```
- Bottom Bar:** Online, Find and Replace, Console, Cookies, Capture requests, Bootcamp, Runner, Trash, ENG INTL, 21/10/2022.

Gambar 25 Delete Success



Gambar 26 Delete Error