

# Fahri Zamzami

## Tugas Pertemuan 2

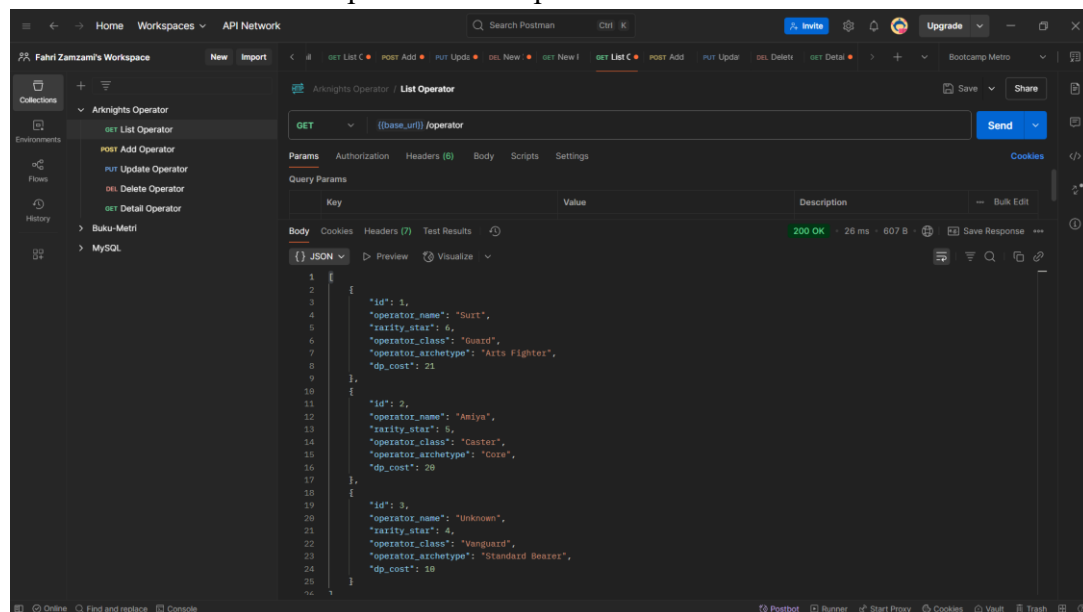
### Backend

### Bootcamp Metro Institute

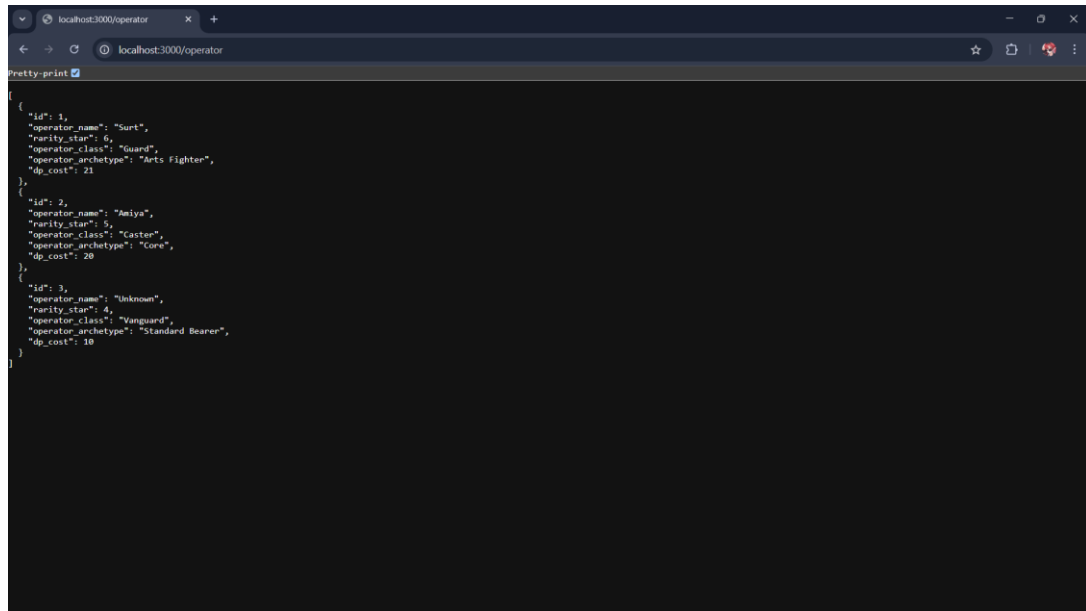
## Pengujian RESTful API Dengan Menggunakan Postman

Pada pengujian ini data yang digunakan yaitu data operator dari game "Arknights".

1. Method Get untuk menampilkan daftar operator.



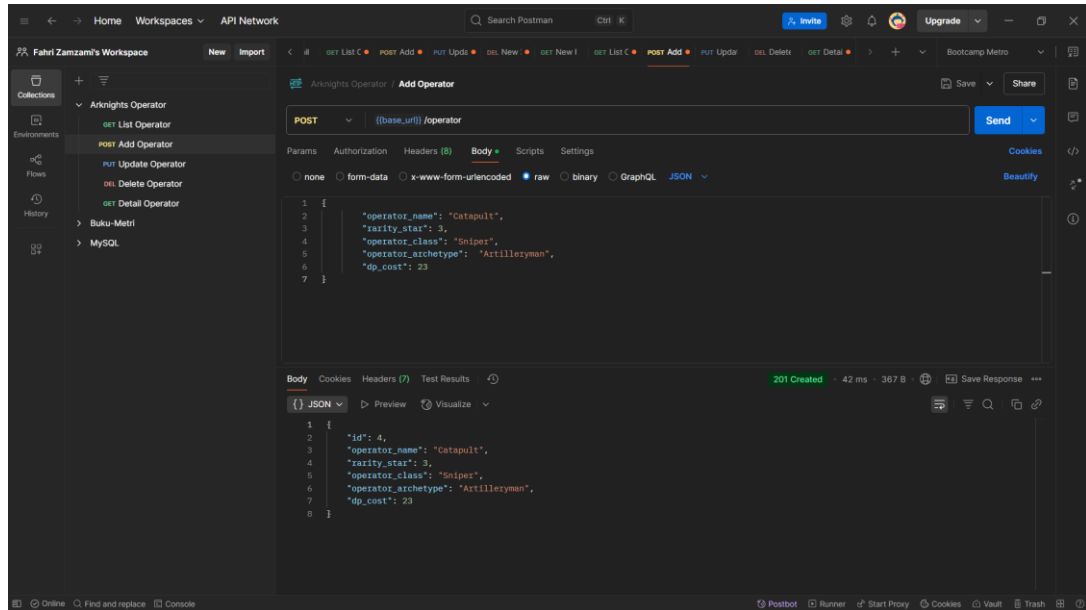
Tampilan data operator.



A screenshot of a web browser window with the address bar showing 'localhost:3000/operator'. The page content displays a JSON array of three operator objects. The first object has 'id': 1, 'operator\_name': 'Surt', 'rarity\_star': 6, 'operator\_class': 'Guard', 'operator\_archetype': 'Arts Fighter', and 'dp\_cost': 21. The second object has 'id': 2, 'operator\_name': 'Amiya', 'rarity\_star': 5, 'operator\_class': 'Caster', 'operator\_archetype': 'Core', and 'dp\_cost': 20. The third object has 'id': 3, 'operator\_name': 'Unknown', 'rarity\_star': 4, 'operator\_class': 'Vanguard', 'operator\_archetype': 'Standard Bearer', and 'dp\_cost': 30.

```
{
  "id": 1,
  "operator_name": "Surt",
  "rarity_star": 6,
  "operator_class": "Guard",
  "operator_archetype": "Arts Fighter",
  "dp_cost": 21
},
{
  "id": 2,
  "operator_name": "Amiya",
  "rarity_star": 5,
  "operator_class": "Caster",
  "operator_archetype": "Core",
  "dp_cost": 20
},
{
  "id": 3,
  "operator_name": "Unknown",
  "rarity_star": 4,
  "operator_class": "Vanguard",
  "operator_archetype": "Standard Bearer",
  "dp_cost": 30
}
```

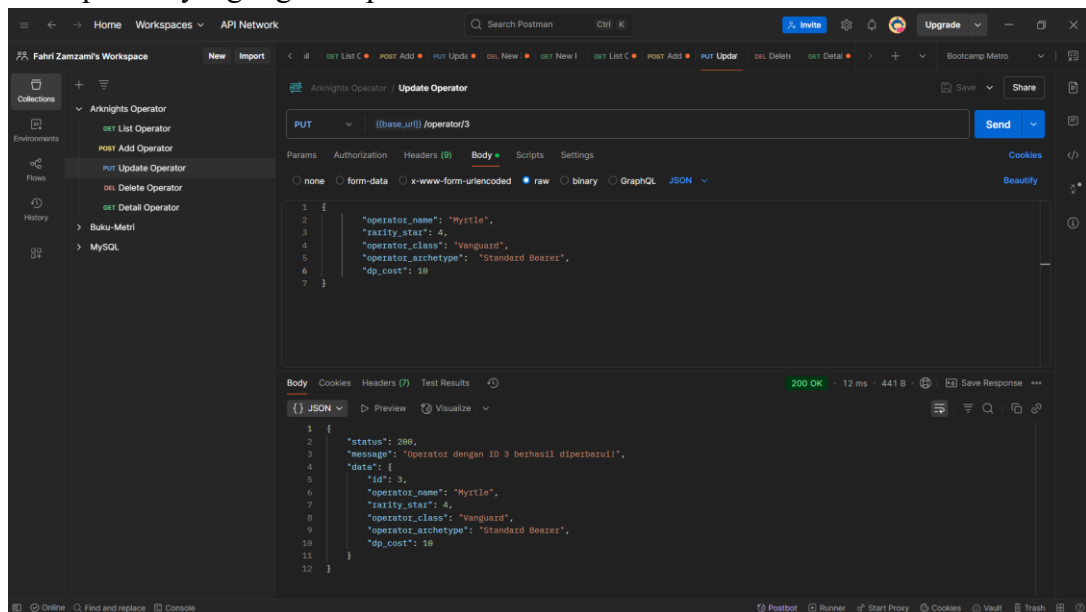
## 2. Method Post untuk menambahkan data operator.



Setelah operator ditambahkan maka data bertambah.

```
localhost:3000/operator
localhost:3000/operator
Pretty-print
{
  "id": 1,
  "operator_name": "Surt",
  "rarity_star": 6,
  "operator_class": "Guard",
  "operator_archetype": "Arts Fighter",
  "dp_cost": 21
},
{
  "id": 2,
  "operator_name": "Amiya",
  "rarity_star": 5,
  "operator_class": "Caster",
  "operator_archetype": "Core",
  "dp_cost": 20
},
{
  "id": 3,
  "operator_name": "Unknown",
  "rarity_star": 4,
  "operator_class": "Vanguard",
  "operator_archetype": "Standard Bearer",
  "dp_cost": 10
},
{
  "id": 4,
  "operator_name": "Catapult",
  "rarity_star": 3,
  "operator_class": "Sniper",
  "operator_archetype": "Artilleryman",
  "dp_cost": 23
}
```

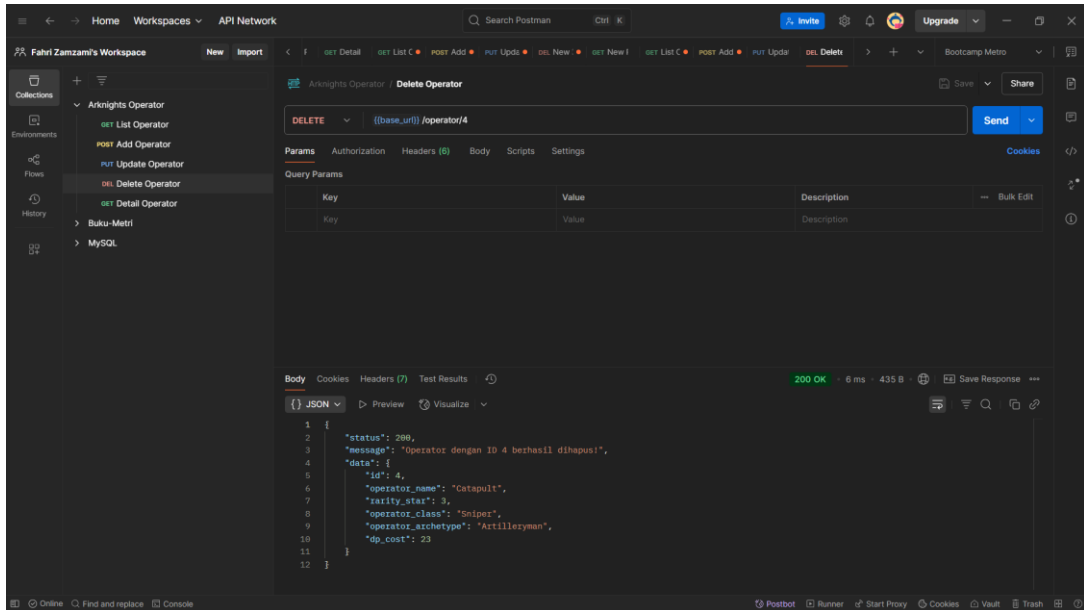
3. Method Put untuk mengupdate data dari operator yang ada dengan mengacu pada id dari operator yang ingin diupdate.



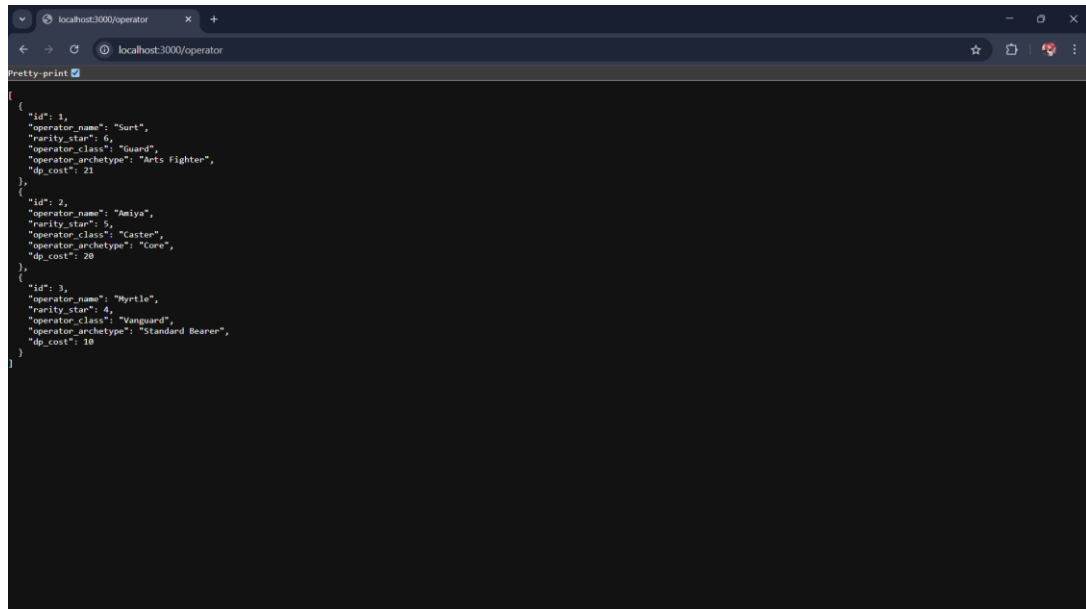
Hasil perubahan dapat terlihat pada id “3” operator\_name sebelumnya diisi “unknown” dan sekarang telah berubah menjadi “Myrtle”.

```
localhost:3000/operator
localhost:3000/operator
Pretty-print
{
  "id": 1,
  "operator_name": "Surt",
  "rarity_star": 6,
  "operator_class": "Guard",
  "operator_archetype": "Arts Fighter",
  "dp_cost": 21
},
{
  "id": 2,
  "operator_name": "Amiya",
  "rarity_star": 5,
  "operator_class": "Caster",
  "operator_archetype": "Core",
  "dp_cost": 20
},
{
  "id": 3,
  "operator_name": "Myrtle",
  "rarity_star": 4,
  "operator_class": "Vanguard",
  "operator_archetype": "Standard Bearer",
  "dp_cost": 30
},
{
  "id": 4,
  "operator_name": "Catapult",
  "rarity_star": 3,
  "operator_class": "Sniper",
  "operator_archetype": "Artilleryman",
  "dp_cost": 23
}
}
```

#### 4. Method Delete untuk menghapus data berdasarkan id dari operator.



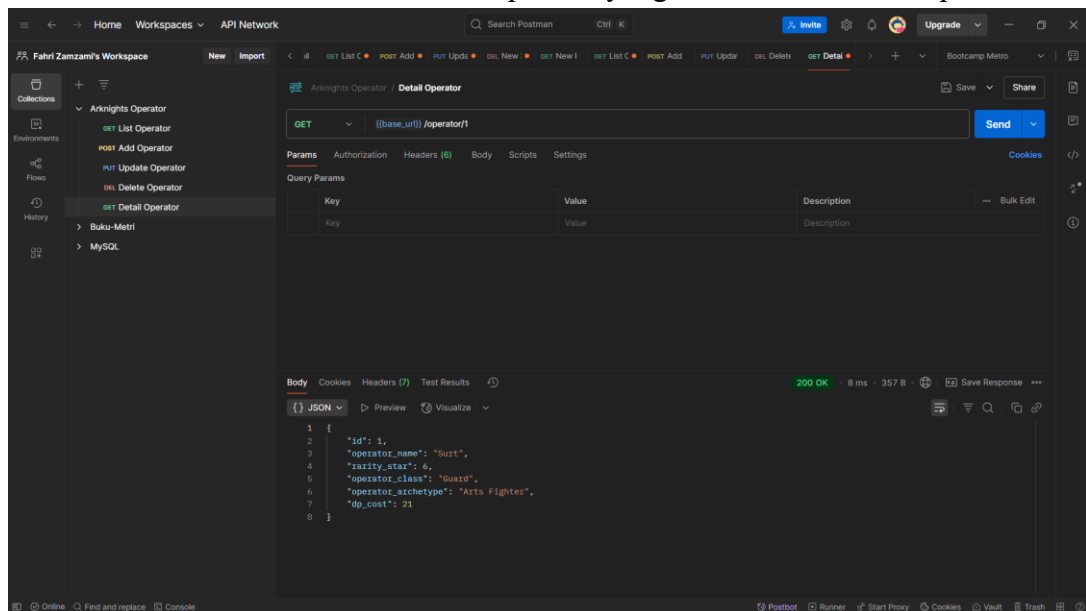
Sebelumnya terdapat data operator dengan id "4" dan sekarang data operator tersebut telah dihapus.



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```
{
  "id": 1,
  "operator_name": "Surt",
  "rarity_star": 6,
  "operator_class": "Guard",
  "operator_archetype": "Arts Fighter",
  "dp_cost": 21
},
{
  "id": 2,
  "operator_name": "Amiya",
  "rarity_star": 5,
  "operator_class": "Caster",
  "operator_archetype": "Core",
  "dp_cost": 20
},
{
  "id": 3,
  "operator_name": "Mytila",
  "rarity_star": 4,
  "operator_class": "Vanguard",
  "operator_archetype": "Standard Bearer",
  "dp_cost": 30
}
```

5. Method Get untuk melihat detail dari operator yang ada melalui id dari operator.



Dapat dilihat output untuk detail dari operator yang dipilih sesuai dengan yang ada.

```
localhost:3000/operator x +
localhost:3000/operator
Pretty-print
{
  "id": 1,
  "operator_name": "Surt",
  "rarity_star": 6,
  "operator_class": "Guard",
  "operator_archetype": "Arts Fighter",
  "dp_cost": 21
},
{
  "id": 2,
  "operator_name": "Amiya",
  "rarity_star": 5,
  "operator_class": "Caster",
  "operator_archetype": "Core",
  "dp_cost": 20
},
{
  "id": 3,
  "operator_name": "Myrtle",
  "rarity_star": 4,
  "operator_class": "Vanguard",
  "operator_archetype": "Standard Bearer",
  "dp_cost": 10
}
```