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📚 System Design VN: <https://fb.com/groups/systemdesign.vn>

🧑‍💻 Ronin Engineer: <https://ronin-engineer.github.io/introduction>

REST API Document

# API Make payment

## 1. API Specs

| Name | Make payment |
| --- | --- |
| Description | Create a transaction between 2 normal accounts |
| URL | https://{{ronin\_engineer}}/payment-service/v1/payments |
| Method | POST |
| Header | * Content-Type: application/json * Idempotency-Key: string (example: oc8tKg1P2FV44hpj) |
| Params | * page: int (default = 0) * size: int (default = 10) |
| Request Body | {  "debit\_account": "acc01",  "credit\_account": "acc02",  "amount": 1000  } |
| Response | Status Code: 200  {  "meta": {  "code": "200000",  "type": "SUCESS",  "message": "Sucess",  "service\_id": "payment-service",  "extra\_meta": {}  },  "data": {  "transaction\_id": "FT2308163234",  "debit\_account": "acc01",  "credit\_account": "acc02",  "amount": 1000  }  }  Status Code: 401  {  "meta": {  "code": "400001",  "type": "INSUFFICIENT\_DEBIT\_AMOUNT",  "message": "Debit account has an insufficient amount of balance",  "service\_id": "payment-service",  "extra\_meta": {}  },  "data": null  } |
| Sample | curl --location --request GET 'https://roninengineer.dev/products/jobs/export?name=pin' \  --header 'Content-Type: application/json' \  --data '{  "job\_id": "j001",  "status": "PROCESSING",  "issued\_at": 1692163008000  }' |

## 2. Request Body

| Parameter | Type | Required | Default | Description |
| --- | --- | --- | --- | --- |
| debit\_account | String | x |  | Tài khoản trừ tiền.  Business logic.  Format.  Sample |
| credit\_account | String | x |  | Tài khoản cộng tiền |
| amount | Int | x | 0 | Số tiền |

## 3. Response Body

| Parameter | Type | Required | Default | Description |
| --- | --- | --- | --- | --- |
| transaction\_id | String | x |  | Mã giao dịch |
| debit\_account | String | x |  | Tài khoản ghi nợ |
| credit\_account | String | x |  | Tài khoản ghi có |
| amount | Int | x | 0 | Số tiền |

## 4. Errors

| Status Code | Code | Type | Description |
| --- | --- | --- | --- |
| 200 | 200000 | SUCCESS | Thành công |
| 400 | 400001 | INSUFFICIENT\_DEBIT\_AMOUNT | Tài khoản ghi nợ không đủ tiền |
| 401000 | INSUFFICIENT\_CREDIT\_AMOUNT | Tài khoản ghi có bị khoá |

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