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A. API User

URL: ***http://localhost:8080/v1/ws***

Method: **POST**

Headers Before Login

Authorization (Static Token)	1a583a49de385015377c8f6d3c8e8d688d98a6d241a8b4f58b18edad25fc67f5
---------------------------------	--

1. User - Login

Request <pre>{ "product": "H2H", "transactionType": "USER-LOGIN", "transactionDetail": { "email": "fahri@gmail.com", "password": "TestPassword" } }</pre>
Response <pre>{ "responseCode": "00", "responseDesc": "Success", "transactionDetail": { "credential": "d7fc8f1231df4a07b6018737b48482bb", "jwtLogin": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJjaWYiOiIwMDAwMTIzNCIsImNyZWRLbnRpdYwWiOiJkN2ZjOGYxMjMxZGY0YTA3YjYwMTg3MzdiNDg0ODJiYiIsImV4cCI6MTc0NjUwOTEzNiwiYWFWIjoxNzQ2NDIyNzM2fQ.0-6YZ1owDk0nC1Dgooa0sQ8gjhpRCo-H2picFFXrjFI" } }</pre>

Headers After Login

Authorization <i>Rules: Using Value jwtLogin</i>	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJjaWYiOiIwMDAwMTIzNCIsImNyZWVhbnR5YmwiOiJkN2ZjOGYxMjMxZGY0YTA3YjYwMTg3MzdiNDg0ODJiYiIsImV4cCI6MTc0NjUwOTEzNiwiawF0IjoxNzQ2NDIyNzM2fQ.0-6YZ1owDk0nC1Dgoa0sQ8gjhpRC0-H2picFFXrjfI
--	--

2. User - Logout

Request { "product": "H2H", "transactionType": "USER-LOGOUT" }
Response { "responseCode": "00", "responseDesc": "Success" }

B. API Payment

URL: ***http://localhost:8080/v1/ws***

Method: **POST**

Headers After Login (*Payment*)

Authorization <i>Rules: Using Value jwtLogin</i>	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJjaWYiOiIwMDAwMTIzNCIsImNyZWVhbnR5YyYwIjkiN2ZjOGYxMjMxZGY0YTA3YjYwMTg3MzdiNDg0ODJiYiIsImV4cCI6MTc0NjUwOTEzNiwiYWFOIjoxNzQ2NDIyNzM2fQ.0-6YZ1owDk0nC1Dgooa0sQ8gjhpRC0-H2picFFXrjfi
X-SIGNATURE (<i>Document Signature for Tutorial</i>)	16f49621abf0ee01889c603c4823e8958a1f421e3fde727238a4a8464af8b721429cb53839ea6a546b2ad438240e6f493a662abcf2c601f2a89c542a4a1e108c
X-TIMESTAMP (<i>Document Signature for Tutorial</i>)	123456789

3. Payment - Inquiry

Request { "product": "H2H", "transactionType": "PAYMENT-INQUIRY", "transactionDetail": { "fromAccount": "3010205010", "billNumber": "INV20250401" } }	
Response { "responseCode": "00", "responseDesc": "Success", "transactionDetail": { "billAmount": "150000", "billNumber": "INV20250401", "billType": "Listrik", "description": "Tagihan Listrik Bulan April", "paymentToken": "1746423045517", "status": "PAID" } }	

4. Payment - Payment

Request

```
{
  "product": "H2H",
  "transactionType": "PAYMENT-PAYMENT",
  "transactionDetail": {
    "fromAccount": "3010205010",
    "transactionId": "00000011",
    "billNumber": "INV20250401",
    "paymentToken": "1746423045517",
    "amount": "150000",
    "pin": "123456"
  }
}
```

Response

```
{
  "responseCode": "00",
  "responseDesc": "Success",
  "transactionDetail": {
    "rrn": "P00100000011",
    "transactionId": "00000011"
  }
}
```

C. Signature

1. Trim request json

Remove Extra Spaces ★★★★★

This tool can be used to remove extra spaces from JSON or a regular text input. [More](#).

Input

```
{
  "fromAccount": "3010205010",
  "transactionId": "00000011",
  "billNumber": "INV20250401",
  "paymentToken": "1746423045517",
  "amount": "150000",
  "pin": "123456"
}
```

Load file

Output

```
{"fromAccount": "3010205010", "transactionId": "00000011", "billNumber": "INV20250401", "paymentToken": "1746423045517", "amount": "150000", "pin": "123456"}
```

146 char(s)

Submit

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```
{"fromAccount": "3010205010", "transactionId": "00000011", "billNumber": "INV20250401", "paymentToken": "1746423045517", "amount": "150000", "pin": "123456"}
```

2. Add timestamp from step 1

HmacSHA512 Hash Generator

[Load Sample](#)

Plain Text

```
{"fromAccount": "3010205010", "transactionId": "00000011", "billNumber": "INV20250401", "paymentToken": "1746423045517", "amount": "150000", "pin": "123456"}123456789
```

[Load Sample Key](#)

Key

HAHAHA

HMACSHA512 ▶

```
{"fromAccount": "3010205010", "transactionId": "00000011", "billNumber": "INV20250401", "paymentToken": "1746423045517", "amount": "150000", "pin": "123456"}123456789123456789
```

3. HMAC 512

HmacSHA512 Hash Value

bd67e5248ad56e24da71a73d7d9ccdeb08b0d1c490b1ea6ef2354f8fb1a49a91bc6f2f857291522007eb11a26bfa81d68326f1295c77003844549ece71bafb79

```
bd67e5248ad56e24da71a73d7d9ccdeb08b0d1c490b1ea6ef2354f8fb1a49a91bc6f2f857291522007eb11a26bfa81d68326f1295c77003844549ece71bafb79
```