

URI Documentation

Endpoint

URI: `http://localhost:3000/api/stocks/purchase/transactions`

Method

Method: `POST`

Parameters

Request Body:

```
{
  "stockSymbol": "AAPL",
  "quantity": 100,
  "purchasePrice": 1234,
  "purchaseTransFee": 500,
  "saleTransFee": 995
}
```

- **stockSymbol:** The symbol of the stock being purchased (e.g., "AAPL").
- **quantity:** The number of shares being purchased.
- **purchasePrice:** The price per share in cents.
- **purchaseTransFee:** The transaction fee for purchasing in cents.
- **saleTransFee:** The transaction fee for selling in cents.

Example Response

Response Body:

```
{
  "transactionId": 1,
  "stockSymbol": "AAPL",
  "quantity": 100,
  "purchasePrice": 1234,
  "purchaseTransFee": 500,
  "saleTransFee": 995,
  "investment": 123400,
  "message": "Transaction created successfully."
}
```

Description

This endpoint allows users to create a new stock purchase transaction. The user provides details about the stock, quantity, purchase price, and transaction fees. Upon successful creation of the transaction, the server responds with the transaction details including a unique `transactionId` and a success message.

Key Points:

- The `transactionId` is a unique identifier for the transaction.
- The `investment` is calculated as $\text{quantity} * \text{purchasePrice} + \text{purchase fee} + \text{sale trans fee}$
- The `message` field provides feedback on the success of the transaction creation.

Stock Transaction Management

Create TransactionView Transaction

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Button



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https://awd-22962024-alpha-team.vercel.app/

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Stock Transaction Management

Create TransactionView Transaction

ID	Symbol	Quantity	Purchase Price	Purchase free	Sale transfree	Investment
1	📈	📈	📈	📈	📈	📈

Transactions	
transaction_id	integer
stock_symbol	varchar(10)
quantity	integer
purchase_price	integer
purchase_trans_fee	integer
sale_trans_fee	integer
investment	integer

ID	Símbolo	Cantidad	Precio de Compra	Tarifa de Venta	Inversión
1	AAPL	100	\$1234	\$995	\$124895