




Financy API

API Routes for Financy, Written by Nathan Lee for TamuHack 2024

Table of contents

API Routes	
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API Routes

 Replace `financy_route` with the actual route

How to Login

1. Submit a request to get a key
2. Use the key as the bearer for other routes

Routes

 GET `http://financy_route/key`

Headers:


- None

Body:

- Include password (as an SHA256 hash), username, and expiry as a unix timestamp.
- Formatted like: `user;hash;expiry`

Returns

- Bearer key in form `bearer_[number]`
- Both parts of the bearer key are required.


 POST `http://financy_route/transaction`

Headers:


- Header `x-bearer`, containing the bearer key returned by the above route.

Body:

- Include the name given for the transaction, and then the amount as a float.
- Formatted like: `name;amount`

 GET `http://financy_route/balance/<bearer>`

`<bearer>`: The API token Returns: The balance for the user.

 GET `http://financy_route/transactions/<bearer>`

`<bearer>`: The API token Returns: The total transactions for the user, separated by newlines. Transactions are formatted like `unix timestamp:name:amount`