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Base API URL

URL `https://chainvet-backend.herokuapp.com/api/v1`

1 Create New Order API Endpoint

Endpoint

POST `/order/create/`

This endpoint is used to create a new order in the system. It supports both authenticated users and guests with a valid API key.

Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

Request Parameters

Parameter	Type	Required	Description
`number_of_credits`	integer	Yes	The number of credits to purchase.
`payment_coin`	string	Yes	The cryptocurrency coin to use for payment.
`payment_network`	string	Yes	The network of the cryptocurrency coin to use for payment.
`order_is_for_self`	boolean	Yes	Indicates whether the order is for the user making the request. If false, an `access_code` must be provided for whom the order is intended.
`access_code`	string	Conditional	Required if `order_is_for_self` is false. The access code of the user for whom the order is intended.

Success Response

- **Status Code**: 201 Created
- **Content**:

```
{
  "order_id": "string",
  "number_of_credits": "integer",
  "payment_coin": "string",
  "payment_network": "string",
  "created_at": "datetime",
  "status": "string"
}
```

Error Responses

- **Missing Required Parameters**:

  - **Status Code**: 400 Bad Request
  - **Content**: `{"detail": "Missing [parameter_name] parameter"}`

- **Invalid API Key or Credentials**:

  - **Status Code**: 403 Forbidden
  - **Content**: `{"detail": "Invalid API key."}` or `{"detail": "Invalid credentials. Please log in"}`

- **Invalid Access Code**:

  - **Status Code**: 400 Bad Request
  - **Content**: `{"detail": "Invalid access code"}`

- **Unable to Create Order**:

  - **Status Code**: 500 Internal Server Error
  - **Content**: `{"detail": "Unable to create order"}`

- **Unhandled Exception**:

  - **Status Code**: 500 Internal Server Error
  - **Content**: `{"error": "error message"}`

Notes

- The endpoint requires the request to be made with a content type of `application/json`.
- Ensure your API key is included in the request header if you are not using an authenticated user session.
- This endpoint is atomic; if any part of the order creation fails, no changes will be committed to the database.

Example cURL Request

```
curl -X POST 'https://chainvet-backend.herokuapp.com/api/v1/order/create/' \
-H 'Content-Type: application/json' \
-H 'X-API-KEY: YOUR_API_KEY' \
-d '{
  "number_of_credits": 10,
  "payment_coin": "Bitcoin",
  "payment_network": "BTC",
  "order_is_for_self": true
}'
```

2 Check Order Status API Endpoint

Endpoint

POST `/order/status/`

Allows users and entities with a valid API key to check the status of an order by providing the order's ID.

Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

Request Parameters

Parameter	Type	Required	Description
order_id	string	Yes	The unique identifier of the order for which status is being checked.
access_code	string	Conditional	Required if the request is made using an AccessCode for non-user entities to check order status.

Success Response

- **Status Code**: 200 OK
- **Content**:

```
{
  "order_id": "string",
  "status": "string",
  "created_at": "datetime",
  "updated_at": "datetime",
  "number_of_credits": "integer",
  "payment_coin": "string",
  "payment_network": "string",
}
```

Error Responses

- **Missing Required Parameters**:

    - **Status Code**: 400 Bad Request
    - **Content**:

      ```
      {"detail": "Missing order_id parameter"}
      ```

- **Invalid API Key or Credentials**:

    - **Status Code**: 403 Forbidden
    - **Content**:

      ```
      {"detail": "Invalid API key."}
      ```

      or

      ```
      {"detail": "Invalid credentials. Please log in"}
      ```

- **Invalid Access Code** (If applicable):

    - **Status Code**: 400 Bad Request
    - **Content**:

      ```
      {"detail": "Invalid access_code"}
      ```

- **Invalid Order ID**:

    - **Status Code**: 400 Bad Request
    - **Content**:

      ```
      {"detail": "Invalid order_id"}
      ```

Notes

- Ensure the `Content-Type` header is set to `application/json`.
- If using an AccessCode for authorization, include the `access_code` parameter in the request body.
- The response includes detailed order information, including its current status, creation and update timestamps, and other relevant details.

Example cURL Request

```
curl -X POST 'https://chainvet-backend.herokuapp.com/api/v1/order/status/' \
-H 'Content-Type: application/json' \
-H 'X-API-KEY: YOUR_API_KEY' \
-d '{
  "order_id": "unique_order_id_here"
}'
```

3 Check Access Code Status API Endpoint

Endpoint

POST `/accesscode/status/`

This endpoint allows users and entities with a valid API key to check the status of an access code.

Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

Request Parameters

Parameter	Type	Required	Description
access_code	string	Yes	The access code whose status is being checked.

Success Response

- **Status Code**: 200 OK
- **Content**:

```
{
  "access_code": "string",
  "status": "string",
  "created_at": "datetime",
  "expires_at": "datetime",
  "affiliate_origin": "string",
  // Additional details about the access code
}
```

Error Responses

Error Responses

- **Missing Required Parameters**:

  - **Status Code**: 400 Bad Request

- **Content**:

```
{"detail": "Missing access_code parameter"}
```

- **Invalid API Key or Credentials**:

    - **Status Code**: 403 Forbidden
    - **Content**:

```
{"detail": "Invalid API key."}
```

    or

```
{"detail": "Credentials invalid or not provided. Please log in"}
```

- **Access Code Not Found**:

    - **Status Code**: 400 Bad Request
    - **Content**:

```
{"detail": "access_code not found"}
```

Notes

- The request must include the `Content-Type: application/json` header.
- An API key must be included in the request header for API key-based authentication, or the user must be logged in.
- The response includes detailed information about the access code, including its current status and expiration details.

Example cURL Request

```
curl -X POST 'https://chainvet-backend.herokuapp.com/api/v1/accesscode/status/' \
-H 'Content-Type: application/json' \
-H 'X-API-KEY: YOUR_API_KEY' \
-d '{
  "access_code": "your_access_code_here"
}'
```

4 Check Assessment List for Access Code API Endpoint

Endpoint

POST `/accesscode/assessments/`

This endpoint allows users and entities with a valid API key to check a list of assessments associated with a given access code.

Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

Request Parameters

Parameter	Type	Required	Description
`access_code`	string	Yes	The access code associated with the assessments to be checked.
`assessment_id_list`	list	Yes	A list of assessment IDs to be checked against the provided access code.

Success Response

- **Status Code**: 200 OK
- **Content**:

```
[
  {
    "assessment_id": "string",
    "status": "string",
    "created_at": "datetime",
    "updated_at": "datetime",
    // Additional details about each assessment
  },
  // More assessments...
]
```

Error Responses

- **Missing Required Parameters**:

  - **Status Code**: 400 Bad Request
  - **Content**:

    ```
    {"detail": "Missing access_code parameter"}
    ```

  or

```
{"detail": "Missing assessment_id_list parameter"}
```

or

```
{"detail": "assessment_id_list must be a list"}
```

- **Invalid API Key or Credentials**:

    - **Status Code**: 403 Forbidden
    - **Content**:

    ```
    {"detail": "Invalid API key."}
    ```

    or

    ```
    {"detail": "Credentials invalid or not provided. Please log in"}
    ```

- **Access Code Not Found**:

    - **Status Code**: 400 Bad Request
    - **Content**:

    ```
    {"detail": "access_code not found"}
    ```

- **No Assessments Found**:

    - **Status Code**: 404 Not Found
    - **Content**:

    ```
    {"detail": "No assessments found"}
    ```

- **Unhandled Exception**:

    - **Status Code**: 500 Internal Server Error
    - **Content**:

    ```
    {"detail": "Failure to fetch user data. Please contact support with
    error code KY53D and the current time: YYYY-MM-DD HH:MM:SS."}
    ```

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Notes

- The request must include the `Content-Type: application/json` header.
- An API key must be included in the request header for API key-based authentication, or the user must be logged in.
- The endpoint expects `assessment_id_list` to be a JSON array of assessment IDs.
- This endpoint is designed to provide detailed information about each assessment in the list for the given access code.

Example cURL Request

```
curl -X POST 'https://chainvet-
backend.herokuapp.com/api/v1/accesscode/assessments/' \
-H 'Content-Type: application/json' \
-H 'X-API-KEY: YOUR_API_KEY' \
-d '{
  "access_code": "your_access_code_here",
  "assessment_id_list": ["assessment_id_1", "assessment_id_2"]
}'
```

5 Check Self Status API Endpoint

Endpoint

GET `/user/status/`

This endpoint allows users or entities with a valid API key to check their own status within the system.

Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

Success Response

- **Status Code**: 200 OK
- **Content**:

```
{
  // User or Access Code specific information
  "id": "string",
  "type": "User/AccessCode",
  "status": "Active/Inactive",
  // Additional details specific to the user or access code
}
```

Error Responses

- **Invalid API Key or Credentials**:

    - **Status Code**: 403 Forbidden
    - **Content**:

    ```
    {"detail": "Invalid API key."}
    ```

    or

    ```
    {"detail": "Credentials invalid or not provided. Please log in"}
    ```

- **User Not Identified by API Key**:

    - **Status Code**: 403 Forbidden
    - **Content**:

    ```
    {"detail": "User not identified by APIKey"}
    ```

- **Unhandled Exception**:

    - **Status Code**: 500 Internal Server Error
    - **Content**:

    ```
    {"detail": "Failure to fetch user data. Please contact support with
    error code 4W9Y2."}
    ```

Notes

- No URL parameters or request body is needed for this endpoint; authentication is performed based on the API key or user session.
- The response content will vary depending on whether the authenticated entity is a User or an Access Code.
- Ensure that the API key or user session token is included in the request header for authentication.

Example cURL Request

```
curl -X GET 'https://chainvet-backend.herokuapp.com/api/v1/user/status/' \
-H 'X-API-KEY: YOUR_API_KEY'
```

6 Create New Assessment for Access Code API Endpoint

Endpoint

POST `/accesscode/create/assessment/`

This endpoint initiates the creation of a new assessment for a given access code, allowing users and entities with a valid API key to submit assessment requests.

Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

Request Parameters

Parameter	Type	Required	Description
`access_code`	string	Yes	The access code for which the assessment is being created.
`assessment_type`	string	Yes	The type of assessment to be conducted (e.g., "transaction").
`address`	string	Yes	The blockchain address involved in the assessment.
`currency`	string	Yes	The cryptocurrency involved in the assessment (e.g., "BTC").
`tx_hash`	string	Conditional	The transaction hash, required if the assessment type is "transaction".

Success Response

- **Status Code**: 201 Created
- **Content**:

```
{
  "assessment_id": "string",
  "status": "string",
  "created_at": "datetime",
  // Additional details about the created assessment
}
```

Error Responses

- **Missing Required Parameters**:

  - **Status Code**: 400 Bad Request
  - **Content**:

```
{"detail": "Missing [parameter_name] parameter"}
```

- **Invalid API Key or Credentials**:

    - **Status Code**: 403 Forbidden
    - **Content**:

    ```
    {"detail": "Invalid API key."}
    ```

    or

    ```
    {"detail": "Credentials invalid or not provided. Please log in"}
    ```

- **Access Code Not Found**:

    - **Status Code**: 400 Bad Request
    - **Content**:

    ```
    {"detail": "access_code not found"}
    ```

- **Failure to Create New Assessment**:

    - **Status Code**: 500 Internal Server Error
    - **Content**:

    ```
    {"detail": "Failure to create new assessment. Please contact support
    with error code 4J9Y1. Error: [error_description]"}
    ```

Notes

- The request must include the `Content-Type: application/json` header.
- An API key or user session token must be included in the request header for authentication.
- Specific parameters are required based on the assessment type; for a "transaction" type, `tx_hash` is mandatory.
- The response will include details of the newly created assessment, including its ID and status.

Example cURL Request

```
curl -X POST 'https://chainvet-
backend.herokuapp.com/api/v1/accesscode/create/assessment/' \
-H 'Content-Type: application/json' \
```

```
  -H 'X-API-KEY: YOUR_API_KEY' \
  -d '{
    "access_code": "your_access_code_here",
    "assessment_type": "transaction",
    "address": "blockchain_address_here",
    "currency": "BTC",
    "tx_hash": "transaction_hash_here"
  }'
```

```
  -H 'X-API-KEY: YOUR_API_KEY' \
  -d '{
    "access_code": "your_access_code_here",
    "assessment_type": "transaction",
    "address": "blockchain_address_here",
    "currency": "BTC",
```