T086 Beeaware
Technical Documentation: Endpoints

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User Registration/Login

User Registration

- POST: Create a new user account with a username, email, and password.
  - **Endpoint: POST /api/Account/signup**

User Login

- POST: Log in with a username and password.
  - **Endpoint: POST /api/Account/login**

User Details

- GET: Retrieve details of the current authenticated user.
  - **Endpoint: POST /api/Account/me**

Apiaries

Apiary Name

- GET: Retrieve the name of the apiary for a specific account and apiary ID.
    - **Endpoint: GET /Bee-aware/account/{account_number}/apiaries/{apiary_id}/name**
- POST: Submit or update the apiary name.
    - **Endpoint: POST /Bee-aware/account/{account_number}/apiaries/{apiary_id}/name**

Notes

- GET: Retrieve notes related to an apiary.
    - **Endpoint: GET /Bee-aware/account/{account_number}/apiaries/{apiary_id}/notes**
- POST: Submit or update notes for an apiary.
    - **Endpoint: POST /Bee-aware/account/{account_number}/apiaries/{apiary_id}/notes**

Description

- GET: Retrieve the description of an apiary.
    - **Endpoint: GET /Bee-aware/account/{account_number}/apiaries/{apiary_id}/description**
- POST: Submit or update the description for an apiary.
    - **Endpoint: POST /Bee-aware/account/{account_number}/apiaries/{apiary_id}/description**

Address

- GET: Retrieve the address of an apiary.
    - **Endpoint: GET /Bee-aware/account/{account_number}/apiaries/{apiary_id}/address**
- POST: Submit or update the address of an apiary.
    - **Endpoint: POST /Bee-aware/account/{account_number}/apiaries/{apiary_id}/address**

Property Contact Information

- GET: Retrieve the contact name and number for the property where the apiary is located.
    - **Endpoint: GET /Bee-aware/account/{account_number}/apiaries/{apiary_id}/property_contact**
- POST: Submit or update the property contact name and number.

o **Endpoint: POST /Bee-aware/account/{account_number}/apiaries/{apiary_id}/property_contact**

Hives

- GET: Retrieve the list of hives within an apiary.
    - o **Endpoint: GET /Bee-aware/account/{account_number}/apiaries/{apiary_id}/hives**
- POST: Add a new hive to the apiary.
    - o **Endpoint: POST /Bee-aware/account/{account_number}/apiaries/{apiary_id}/hives**

Map

- GET: Retrieve a map image for the apiary location.
    - o **Endpoint: GET /Bee-aware/account/{account_number}/apiaries/{apiary_id}/map**
- POST: Submit or update a map image for the apiary.
    - o **Endpoint: POST /Bee-aware/account/{account_number}/apiaries/{apiary_id}/map**

Images

- GET: Retrieve images related to the apiary.
    - o **Endpoint: GET /Bee-aware/account/{account_number}/apiaries/{apiary_id}/images/{image_id}**
- POST: Submit new images related to the apiary.
    - o **Endpoint: POST /Bee-aware/account/{account_number}/apiaries/{apiary_id}/images**

Hives

Hive Number

- **GET:** Retrieve hive name or number when provided with a specific account number.
    - **Endpoint: `GET /Bee-aware/account/{account_number}/hives/{hive_id}`**
- **POST:** Submit hive name in hive configuration form.
    - **Endpoint:`POST /Bee-aware/account/{account_number}/hives/{hive_id}`**

Number of Frames

- **GET:** Retrieve the number of frames when provided with a specific account number and hive number.
    - **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/number_of_frames`**
- **POST:** Submit hive's number of frames in hive configuration form.
    - **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/number_of_frames`**

Queen Excluders

- **GET:** Retrieve queen excluder details when provided with a specific account number and hive number.
    - **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/queen_excluders`**
- **POST:** Submit hive's queen excluder details in hive configuration form.
    - **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/queen_excluders`**

Beetle Trap

- **GET:** Retrieve beetle trap details when provided with a specific account number and hive number.
    - **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/beetle_trap`**
- **POST:** Submit hive's beetle trap details in hive configuration form.
    - **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/beetle_trap`**

Comments

- **GET:** Retrieve comments when provided with a specific account number and hive number.
    - **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/comments`**

- **POST:** Submit hive's comments in hive configuration form.
  - **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/comments`**

Map

- **GET:** Retrieve map image when provided with a specific account number.
  - **Endpoint: `GET /Bee-aware/gallery/account/{account_number}/image/{image_number}`**

Inspections

Hive Number

- **GET:** Retrieve hive name or number when provided with a specific account number.
  - **Endpoint:** `GET /Bee-aware/account/{account_number}/hives/{hive_id}`

Map

- **GET:** Retrieve map image when provided with a specific account number.
  - **Endpoint:** `GET /Bee-aware/gallery/account/{account_number}/image/{image_number}`

Calendar

- **GET:** Retrieve a list of inspections scheduled for a specific hive when provided with a specific account number and month.
  - **Endpoint:** `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections`
  - **Query Parameters:**
    - `month`: The month of the inspections (`YYYY-MM`).
- **POST:** Schedule a new inspection for a specific hive.
  - **Endpoint:** `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections`

Last Inspection

- **GET:** Retrieve date of last inspection when provided with a specific account number and hive number.
  - **Endpoint** `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last`

Next Inspection

- **GET:** Retrieve date of next inspection when provided with a specific account number and hive number.
  - **Endpoint** `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/next`

Brood (Frames & Pattern)

- **GET:** Retrieve brood frames from the last inspection.

- o **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/brood/{brood_frames}/`**
- **POST:** Submit hive's brood frames in hive inspection form.
  - o **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/brood/{brood_frames}/`**
- **GET:** Retrieve brood pattern when provided with a specific account number and hive number.
  - o **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/brood/{brood_pattern}/`**
- **POST:** Submit hive's brood pattern in hive inspection form.
  - o **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/brood/{brood_pattern}/`**

Honey (Frames & Pattern)

- **GET:** Retrieve honey frames from the last inspection.
  - o **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/honey/{honey_frames}/`**
- **POST:** Submit hive's honey frames in hive inspection form.
  - o **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/honey/{honey_frames}/`**
- **GET:** Retrieve brood pattern from the last inspection.
  - o **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/honey/{honey_pattern}/`**
- **POST:** Submit hive's brood pattern in hive inspection form.
  - o **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/honey/{honey_pattern}/`**

Eggs (Frames & Pattern)

- **GET:** Retrieve egg frames from the last inspection.
  - o **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/eggs/{egg_frames}/`**
- **POST:** Submit hive's egg frames in hive inspection form.
  - o **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/eggs/{egg_frames}/`**

- **GET:** Retrieve egg pattern from the last inspection.
    - **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/eggs/{egg_pattern}/`**
- **POST:** Submit hive's egg pattern in hive inspection form.
    - **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/eggs/{egg_pattern}/`**

Empty Frames

- **GET:** Retrieve empty frames from the last inspection.
    - **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/empty/{empty_frames}/`**
- **POST:** Submit hive's empty frames in hive inspection form.
    - **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/empty/{empty_frames}/`**

Temperament

- **GET:** Retrieve the hive's temperament from the last inspection.
    - **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/temperament`**
- **POST:** Submit hive's temperament in hive inspection form.
    - **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/temperament`**

Comments

- **GET:** Retrieve hive comments from the last inspection.
    - **Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/comments`**
- **POST:** Submit hive's comments in hive inspection form.
    - **Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/comments`**

Disease Name

- **GET:** Retrieve hive's new disease from the last inspection.

- Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/diseases/{disease_id}/name`
- **POST:** Submit hive's new observed disease in hive disease form.
  - Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/diseases/{disease_id}/name`

Disease Severity

- **GET:** Retrieve hive's disease severity from the last inspection.
  - Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/diseases/{disease_id}/severity`
- **POST:** Submit hive's disease severity in hive disease form.
  - Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/diseases/{disease_id}/severity`

Disease Description

- **GET:** Retrieve hive's disease description from the last inspection.
  - Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/diseases/{disease_id}/description`
- **POST:** Submit hive's disease description in hive disease form.
  - Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/diseases/{disease_id}/description`

Disease Image

- **GET:** Retrieve hive's disease image from the last inspection.
  - Endpoint `GET /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/diseases/{disease_id}/image`
- **POST:** Submit hive's disease image in hive disease form.
  - Endpoint `POST /Bee-aware/account/{account_number}/hives/{hive_id}/inspections/last/diseases/{disease_id}/image`