

Veterinary Clinic API Documentation

Overview

The Veterinary Clinic API provides a RESTful interface for managing pets, owners, and veterinary services. The API supports standard HTTP methods and returns data in JSON format.

Base URL

<http://localhost:5218/api>

Endpoints

Pets

Endpoints:

1. **GET** /api/pets
Retrieves all pets.
Response: 200 OK with a list of pets.
2. **GET** /api/pets/{id}
Retrieves a specific pet by ID.
Response:
 - 200 OK with the pet's data if found.
 - 404 Not Found if the pet is not found.
3. **POST** /api/pets
Adds a new pet to the system.
Request Body: Pet object.
Response:
 - 201 Created if successfully added.
 - 200 OK with message if the pet already exists.
 - 404 Not Found if the owner of the pet doesn't exist.
4. **PUT** /api/pets/{id}
Updates an existing pet's details.
Request Body: Updated pet object.

5. **Response:**

- 204 No Content if updated successfully.
- 404 Not Found if the pet or owner is not found.

6. **DELETE** /api/pets/{id}

Deletes a pet by ID.

Response:

- 204 No Content if deleted successfully.
 - 404 Not Found if the pet is not found.
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Medical Records

Endpoints:

1. **GET** /api/medicalrecords

Retrieves all medical records.

Response: 200 OK with a list of medical records.

2. **GET** /api/medicalrecords/{id}

Retrieves a specific medical record by ID.

Response:

- 200 OK with the medical record data if found.
- 404 Not Found if the record is not found.

3. **POST** /api/medicalrecords

Adds a new medical record.

Request Body: MedicalRecord object.

Response:

- 201 Created if successfully added.
- 200 OK with message if the record already exists.

4. **PUT** /api/medicalrecords/{id}

Updates an existing medical record's details.

Request Body: Updated MedicalRecord object.

Response:

- 204 No Content if updated successfully.
- 404 Not Found if the medical record or pet is not found.

5. **DELETE** /api/medicalrecords/{id}

Deletes a medical record by ID.

Response:

- 204 No Content if deleted successfully.
 - 404 Not Found if the medical record is not found.
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Owners

Endpoints:

1. **GET** /api/owners

Retrieves all owners.

Response: 200 OK with a list of owners.

2. **GET** /api/owners/{id}

Retrieves a specific owner by ID.

Response:

- 200 OK with the owner's data if found.
- 404 Not Found if the owner is not found.

3. **POST** /api/owners

Adds a new owner.

Request Body: Owner object.

Response:

- 201 Created if successfully added.
- 200 OK with message if the owner already exists.

4. **PUT** /api/owners/{id}

Updates an existing owner's details.

Request Body: Updated Owner object.

Response:

- 204 No Content if updated successfully.
- 404 Not Found if the owner is not found.

5. **DELETE** /api/owners/{id}

Deletes an owner by ID.

Response:

- 204 No Content if deleted successfully.
 - 404 Not Found if the owner is not found.
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Appointments

Endpoints:

1. GET /api/appointments

Retrieves all appointments.

Response: 200 OK with a list of appointments.

2. GET /api/appointments/{id}

Retrieves a specific appointment by ID.

Response:

- 200 OK with the appointment's data if found.
- 404 Not Found if the appointment is not found.

3. POST /api/appointments

Adds a new appointment.

Request Body: Appointment object.

Response:

- 201 Created if successfully added.
- 200 OK with message if the appointment already exists.
- 404 Not Found if the pet for the appointment doesn't exist.

4. PUT /api/appointments/{id}

Updates an existing appointment's details.

Request Body: Updated Appointment object.

Response:

- 204 No Content if updated successfully.
- 404 Not Found if the appointment or pet is not found.

5. DELETE /api/appointments/{id}

Deletes an appointment by ID.

Response:

- 204 No Content if deleted successfully.
- 404 Not Found if the appointment is not found.