

PetPal Backend API

Overview

Backend endpoints and model description of PetPal

Version information

Version : v1

URI scheme

Host : localhost:8000

BasePath : /

Schemes : HTTP

Consumes

- application/json

Produces

- application/json

Security

Basic

Type : basic

Paths

POST /accounts/token/

Description

login using email and password then you can get a token

Parameters

Type	Name	Schema
Body	data <i>required</i>	CustomTokenObtainPair

Responses

HTTP Code	Description	Schema
200	got token.	No Content
404	email or password incorrect.	No Content

Tags

- accounts

POST /accounts/token/refresh/

Description

Takes a refresh type JSON web token and returns an access type JSON web token if the refresh token is valid.

Parameters

Type	Name	Schema
Body	data <i>required</i>	TokenRefresh

Responses

HTTP Code	Schema
201	TokenRefresh

Tags

- accounts

PUT /accounts/user/

Description

update a user's profile by upload information you want to update.

Parameters

Type	Name	Schema
Body	data <i>required</i>	data

data

Name	Description	Schema
address <i>optional</i>	Maximal length : 255	string
avatar <i>optional</i>		file
confirm_pass word <i>optional</i>	Minimum length : 1	string
description <i>optional</i>		string
email <i>optional</i>	Length : 1 - 254	string (email)
name <i>optional</i>	Maximal length : 100	string
password <i>optional</i>	Length : 1 - 128	string
phone_numbe r <i>optional</i>	Maximal length : 20	string
user_type <i>optional</i>		enum (shelter, pet_seeker)

Responses

HTTP Code	Description	Schema
200	User's profile updated.	No Content
400	Invalid update.	No Content
401	Unauthorized	No Content
404	User not found.	No Content

Tags

- accounts

PATCH /accounts/user/

Description

update a user's profile by upload information you want to update.

Parameters

Type	Name	Schema
Body	data <i>required</i>	data

data

Name	Description	Schema
address <i>optional</i>	Maximal length : 255	string
avatar <i>optional</i>		file
confirm_pass word <i>optional</i>	Minimum length : 1	string
description <i>optional</i>		string
email <i>optional</i>	Length : 1 - 254	string (email)
name <i>optional</i>	Maximal length : 100	string
password <i>optional</i>	Length : 1 - 128	string
phone_numbe r <i>optional</i>	Maximal length : 20	string
user_type <i>optional</i>		enum (shelter, pet_seeker)

Responses

HTTP Code	Description	Schema
200	User's profile updated.	No Content
400	Invalid update.	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
404	User not found.	No Content

Tags

- accounts

POST /accounts/users/

Description

create a user by email, password, and confirm password. And you can choose a user type: Shelter or Pet_seeker(This field is optional since we have default type: Pet_seeker). The avatar is optional since we provide two default avatars for Shelter and Seekers

Parameters

Type	Name	Schema
Body	data <i>required</i>	data

data

Name	Description	Schema
avatar <i>optional</i>		file
confirm_password <i>required</i>	Minimum length : 1	string
email <i>required</i>	Length : 1 - 254	string (email)
password <i>required</i>	Length : 1 - 128	string
user_type <i>optional</i>		enum (shelter, pet_seeker)

Responses

HTTP Code	Description	Schema
201		UserProfile

HTTP Code	Description	Schema
400	Bad Request	No Content
401	Unauthorized	No Content
404	Pet not found	No Content

Tags

- accounts

GET /accounts/users/

Description

Get a list of shelters.

Parameters

Type	Name	Description	Schema
Query	page <i>optional</i>	A page number within the paginated result set.	integer
Query	page_size <i>optional</i>	Number of results to return per page.	integer

Responses

HTTP Code	Description	Schema
200		< UserProfile > array
400	Bad Request	No Content
401	Unauthorized	No Content
404	shelter not found	No Content

Tags

- accounts

DELETE /accounts/users/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this user.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- accounts

GET /accounts/users/{id}/profile/

Description

Get a user's profile, when the obj user is a shelter. And when the obj user is a seeker, it only works when the obj user have an active application with the request user or the obj user is request user him or herself

Parameters

Type	Name	Schema
Path	id <i>required</i>	string

Responses

HTTP Code	Description	Schema
200		< UserProfile > array
400	Bad Request	No Content
401	Unauthorized	No Content
404	User not found	No Content

Tags

- accounts

POST /applications/

Description

When a pet seeker submits an application for a pet listing that is marked as 'available', the system will automatically generate a notification. Only Seeker can create an application. Seeker can only create one application for each pet.

Parameters

Type	Name	Schema
Body	data <i>required</i>	Application

Responses

HTTP Code	Description	Schema
201		Application
400	Bad Request	No Content
401	Unauthorized	No Content
404	Pet not found	No Content

Tags

- applications

GET /applications/

Description

Retrieve a list of applications that the current user has made or received. Shelters and seekers can only view their own applications. Applications could be filtered by status or be sorted by creation time and last update time. Pagination support.

Parameters

Type	Name	Description	Schema	Default
Query	page <i>optional</i>	Page number	integer	
Query	page_size <i>optional</i>	Page Size	integer	10

Type	Name	Description	Schema	Default
Query	sort_by <i>optional</i>	Sort by 'status', 'created_time' or 'last_updated_time'	string	
Query	status <i>optional</i>	Filter by status	string	

Responses

HTTP Code	Description	Schema
200		< Application > array
400	Bad Request	No Content
401	Unauthorized	No Content

Tags

- applications

GET /applications/application/{id}/

Description

Retrieve the details of a specific application.

Parameters

Type	Name	Schema
Path	id <i>required</i>	string

Responses

HTTP Code	Description	Schema
200		Application
401	Unauthorized	No Content
404	Application not found.	No Content

Tags

- applications

PUT /applications/application/{id}/

Description

Update the status of an application. Shelter can only update the status of an application from pending to accepted or denied. Pet seeker can only update the status of an application from pending or accepted to withdrawn. After a application being updated, the system will automatically generate a notification.

Parameters

Type	Name	Schema
Path	id <i>required</i>	string
Body	data <i>required</i>	Application

Responses

HTTP Code	Description	Schema
200	Application status updated.	No Content
400	Invalid status update.	No Content
401	Unauthorized	No Content
404	Application not found.	No Content

Tags

- applications

POST

/comments/application/{application_id}/comments/

Description

Create comments under application, then the system will automatically generate a notification.

Parameters

Type	Name	Schema
Path	application_id <i>required</i>	string

Type	Name	Schema
Body	data <i>required</i>	Comment

Responses

HTTP Code	Description	Schema
200		< Comment > array
400	Bad Request	No Content
401	Unauthorized	No Content
404	application not found	No Content

Tags

- comments

GET

/comments/application/{application_id}/comments/

Description

Get a list of comments under application.

Parameters

Type	Name	Description	Schema
Path	application_id <i>required</i>		string
Query	page <i>optional</i>	A page number within the paginated result set.	integer
Query	page_size <i>optional</i>	Number of results to return per page.	integer

Responses

HTTP Code	Description	Schema
200		< Comment > array
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
404	application not found	No Content

Tags

- comments

GET /comments/comment/{id}/

Description

Get a specific comment with the given id.

Parameters

Type	Name	Schema
Path	id <i>required</i>	string

Responses

HTTP Code	Description	Schema
200		< Comment > array
400	Bad Request	No Content
401	Unauthorized	No Content
404	comment not found	No Content

Tags

- comments

POST /comments/shelter/{shelter_id}/comments/

Description

Create comments under shelter, then the system will automatically generate a notification.

Parameters

Type	Name	Schema
Path	shelter_id <i>required</i>	string
Body	data <i>required</i>	Comment

Responses

HTTP Code	Description	Schema
200		< Comment > array
400	Bad Request	No Content
401	Unauthorized	No Content
404	application not found	No Content

Tags

- comments

GET /comments/shelter/{shelter_id}/comments/

Description

Get a list of comments under shelter. Create comments using POST request

Parameters

Type	Name	Description	Schema
Path	shelter_id <i>required</i>		string
Query	page <i>optional</i>	A page number within the paginated result set.	integer
Query	page_size <i>optional</i>	Number of results to return per page.	integer

Responses

HTTP Code	Description	Schema
200		< Comment > array
400	Bad Request	No Content
401	Unauthorized	No Content
404	shelter not found	No Content

Tags

- comments

GET /notifications/

Description

Get a list of Notifications

Parameters

Type	Name	Description	Schema
Query	creation_time <i>optional</i>	Sorted by creation_time with choices ('asc', 'dec')	string
Query	is_read <i>optional</i>	Filter by is_read	boolean
Query	page <i>optional</i>	A page number within the paginated result set.	integer
Query	page_size <i>optional</i>	Number of results to return per page.	integer

Responses

HTTP Code	Description	Schema
200		< Notification > array
400	Bad Request	No Content
401	Unauthorized	No Content

Tags

- notifications

GET /notifications/notification/{id}/

Description

Retrieve the notification with the given id. The notification is marked 'read' when it is retrieved for the first time

Parameters

Type	Name	Schema
Path	id <i>required</i>	string

Responses

HTTP Code	Description	Schema
200		NotificationRetrieve
400	Bad Request	No Content
401	Unauthorized	No Content
404	Object Not Found	No Content

Tags

- notifications

DELETE /notifications/notification/{id}/

Parameters

Type	Name	Schema
Path	id <i>required</i>	string

Responses

HTTP Code	Schema
204	No Content

Tags

- notifications

POST /pets/

Description

Create a pet using name, breed, color, size, age, gender as required parameters and description, medical history, behavior as optional parameters.

Parameters

Type	Name	Schema
Body	data <i>required</i>	Pet

Responses

HTTP Code	Description	Schema
200		< Pet > array
400	Bad Request	No Content
401	Unauthorized	No Content

Tags

- [pets](#)

GET /pets/

Description

Get a list of pets which status are AVAILABLE.

Parameters

Type	Name	Description	Schema
Query	age <i>optional</i>	age	string
Query	breed <i>optional</i>	breed	string
Query	gender <i>optional</i>	gender	enum (male, female, other)
Query	ordering <i>optional</i>	Which field to use when ordering the results.	string

Type	Name	Description	Schema
Query	page <i>optional</i>	A page number within the paginated result set.	integer
Query	page_size <i>optional</i>	Number of results to return per page.	integer
Query	shelter <i>optional</i>	shelter	string
Query	status <i>optional</i>	status	enum (available, pending, adopted, withdrawn)

Responses

HTTP Code	Description	Schema
200		< Pet > array
400	Bad Request	No Content
401	Unauthorized	No Content

Tags

- pets

GET /pets/pet/{id}/

Description

Get profile of the pet showing the pet's name, breed, color, size, age, gender, description, medical history, and behavior information.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this pet.	integer

Responses

HTTP Code	Description	Schema
200		< Pet > array
400	Bad Request	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content

Tags

- pets

PUT /pets/pet/{id}/

Description

PUT: Update the details of a specific pet.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this pet.	integer
Body	data <i>required</i>		Pet

Responses

HTTP Code	Description	Schema
200		< Pet > array
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Pet not found	No Content

Tags

- pets

DELETE /pets/pet/{id}/

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this pet.	integer

Responses

HTTP Code	Schema
204	No Content

Tags

- pets

PATCH /pets/pet/{id}/

Description

PATCH: Update the details of a specific pet.

Parameters

Type	Name	Description	Schema
Path	id <i>required</i>	A unique integer value identifying this pet.	integer
Body	data <i>required</i>		Pet

Responses

HTTP Code	Description	Schema
200		< Pet > array
400	Bad Request	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Pet not found	No Content

Tags

- pets

Definitions

Application

Name	Description	Schema
additional_information <i>optional</i>	Additional information provided by the applicant Maximal length : 400	string
created_time <i>optional</i> <i>read-only</i>	The time when the application was created	string (date-time)
email <i>required</i>	The email of the applicant Length : 1 - 100	string (email)
from_user <i>optional</i> <i>read-only</i>		integer
id <i>optional</i> <i>read-only</i>		integer
last_updated_time <i>optional</i> <i>read-only</i>	The last time the application was updated	string (date-time)
name <i>required</i>	The name of the applicant Length : 1 - 100	string
pet <i>required</i>	The pet that the application is for	integer
status <i>optional</i>	The current status of the application	enum (Pending, Accepted, Denied, Withdrawn)
to_user <i>optional</i> <i>read-only</i>		integer

Comment

Name	Description	Schema
content_object <i>optional</i> <i>read-only</i>		string

Name	Description	Schema
creation_time <i>optional</i> <i>read-only</i>		string (date-time)
id <i>optional</i> <i>read-only</i>		integer
message <i>required</i>	Minimum length : 1	string
sender <i>optional</i> <i>read-only</i>		integer

CustomTokenObtainPair

Name	Description	Schema
email <i>required</i>	Minimum length : 1	string
password <i>required</i>	Minimum length : 1	string

Notification

Name	Schema
action_code <i>required</i>	enum (U, C)
content_object <i>optional</i> <i>read-only</i>	string
creation_time <i>optional</i> <i>read-only</i>	string (date-time)
id <i>optional</i> <i>read-only</i>	integer
is_read <i>optional</i>	boolean
user <i>required</i>	integer

NotificationRetrieve

Name	Schema
action_code <i>required</i>	enum (U, C)
content_object <i>optional</i> <i>read-only</i>	string
content_url <i>optional</i> <i>read-only</i>	string
creation_time <i>optional</i> <i>read-only</i>	string (date-time)
id <i>optional</i> <i>read-only</i>	integer
user <i>required</i>	integer

Pet

Name	Description	Schema
addition <i>optional</i>		string
age <i>required</i>		integer
behavior <i>optional</i>		string
breed <i>required</i>	Length : 1 - 100	string
color <i>required</i>	Length : 1 - 100	string
description <i>optional</i>		string
gender <i>required</i>		enum (male, female, other)
id <i>optional</i> <i>read-only</i>		integer

Name	Description	Schema
image <i>optional</i> <i>read-only</i>		string (uri)
medical_history <i>optional</i>		string
name <i>required</i>	Length : 1 - 100	string
shelter <i>optional</i> <i>read-only</i>		integer
size <i>required</i>		enum (small, medium, large)
status <i>optional</i>		enum (available, pending, adopted, withdrawn)

TokenRefresh

Name	Description	Schema
access <i>optional</i> <i>read-only</i>	Minimum length : 1	string
refresh <i>required</i>	Minimum length : 1	string

UserProfile

Name	Description	Schema
address <i>optional</i>	Maximal length : 255	string
avatar <i>optional</i> <i>read-only</i>		string (uri)
description <i>optional</i>		string
email <i>required</i>	Length : 1 - 254	string (email)

Name	Description	Schema
id <i>optional</i> <i>read-only</i>		integer
name <i>optional</i>	Maximal length : 100	string
phone_number <i>optional</i>	Maximal length : 20	string
user_type <i>optional</i>		enum (shelter, pet_seeker)