

Throne API Definition

API Overview

Current API

GET	/washrooms
POST	/washrooms
GET	/washrooms/<id>
GET	/washrooms/<id>/reviews
POST	/washrooms/<id>/reviews
GET	/reviews/<id>
PUT	/reviews/<id>
GET	/buildings
GET	/buildings/<id>
GET	/buildings/<id>/washrooms
GET	/users
GET	/users/<id>
GET	/users/<id>/reviews
GET	/users/reviews
POST	/users/favorites
DELETE	/users/favorites
PUT	/users/preferences

Future API Additions

DELETE	/reviews/<id>
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Main Objects

<pre>Washroom: { id: building_id: building_title: comment: location: { latitude: longitude: } floor: gender: men women all stall_count: urinal_count: review_count: is_favorite: overall_rating: average_ratings: { cleanliness: privacy: ... } amenities: [] created_at: }</pre>	<pre>Building: { id: title: location: { latitude: longitude: } overall_rating: best_ratings: { cleanliness: privacy: ... } maps_service_id: created_at: washroom_count: }</pre>
<pre>Review: { id: washroom_id: user: ratings: { cleanliness: privacy: ... } comment: upvote_count: User: <User object> created_at: }</pre>	<pre>User: { id: username: profile_picture: preferences: { gender: wheelchair_access: ... } created_at: }</pre>

API Details

Current API

GET	/washrooms
description	Get a list of nearby washrooms
query parameters (optional)	latitude longitude radius max_results amenities
return	[Washroom Objects]

POST	/washrooms
description	Create a new washroom in an existing building
parameters	
body	Washroom details (Washroom_title, latitude, longitude, building_id, etc...)
return	Washroom Object

GET	/washrooms/<id>
description	Get the details of a specific washroom
parameters	washroom_id
return	Washroom Object

GET	/washrooms/<id>/reviews
description	Get a list of reviews for a washroom
parameters	washroom_id
return	[Review Objects]

POST	/washrooms/<id>/reviews
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description	Create a new review for an existing washroom
parameters	washroom_id
body	Review details (comment, ratings, etc...)
return	Review Object

GET	/reviews/<id>
description	Get the details of a specific review
parameters	review_id
return	Review Object

PUT	/reviews/<id>
description	Update an existing review
parameters	review_id
body	Review details (text, ratings, etc...)
return	Updated Review Object

GET	/buildings
description	Get a list of nearby buildings
query parameters	latitude longitude radius max_mesults
return	[Building Objects]

GET	/buildings/<id>
description	Get the details of a specific building
parameters	building_id
return	Building Object

GET	/buildings/<id>/washrooms
description	Get a list of washrooms in a building
parameters	building_id
return	[Washroom Objects]

GET	/users
description	Get the currently authorized user
parameters	
return	User Object

GET	/users/<id>
description	Get the details of a specific user
parameters	user_id
return	User Object (Preferences are hidden for everyone but the currently authorized user)

GET	/users/reviews
description	Get a list of past reviews for the currently authorized user
parameters	
return	[Review Objects]

GET	/users/<id>/reviews
description	Get a list of past reviews for a user
parameters	review_id
return	[Review Objects]

POST	/users/favorites
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description	Create a favorite for the currently authorized user
parameters	
body	washroom_id
return	[Washroom Objects] (All the favorites for this user + the new one)

DELETE	/users/favorites
description	Delete a favorite for the currently authorized user
parameters	
body	washroom_id
return	<Success code, empty body>

PUT	/users/preferences
description	Update user preferences for the currently authorized user
parameters	
body	The updated preferences (Gender, wheelchair_access, main_floor_access)
return	User Object (With the updated preferences)

Future API Additions

DELETE	DELETE /reviews/<id>
description	Delete an existing washroom review
parameters	review_id
body	
return	<Success code, no body>