

Friend Management REST APIs

Table of Contents

1. Overview	1
1.1. Version information	1
1.2. Contact information	1
1.3. License information	1
1.4. URI scheme	1
1.5. Tags	1
2. Architecture	2
2.1. Services	2
3. Resources	3
3.1. Friends-controller	3
3.1.1. Persists a user profile in database	3
3.1.2. Returns the list of registered email addresses	3
3.1.3. Create a friend connection	4
3.1.4. Create a blocked connection	4
3.1.5. Returns the list of friend connection	5
3.1.6. Creates a subscription	6
3.1.7. Returns a list of email address eligible to receive message updates	7
4. Definitions	8
4.1. FriendsParam	8
4.2. PostMessageParam	8
4.3. UserActionParam	8
4.4. UserEmailParam	8
4.5. UserProfileParam	8

Chapter 1. Overview

REST APIs for Friend Management.

1.1. Version information

Version : 1.0.0-SNAPSHOT

1.2. Contact information

Contact : Alvin Flores

Contact Email : alvinjavierflores@gmail.com

1.3. License information

License : Open

License URL : <http://www.domain.com>

Terms of service : null

1.4. URI scheme

Host : localhost

BasePath : /

1.5. Tags

- friends-controller : Friends Controller

Chapter 2. Architecture

AWS cloud Services

2.1. Services

Rewards Services

== Rewards

Chapter 3. Resources

3.1. Friends-controller

Friends Controller

3.1.1. Persists a user profile in database

POST /friends/

Description

returns 201 if successful, an error message otherwise

Parameters

Type	Name	Description	Schema
Body	profile <i>required</i>	User profile details	UserProfileParam

Responses

HTTP Code	Description	Schema
200	OK	object
201	save data successfully	object
400	invalid parameters	No Content
422	saving failed	No Content

Consumes

- `application/json`

Produces

- `application/json; charset=UTF-8`

3.1.2. Returns the list of registered email addresses

GET /friends/

Description

returns 200 if successful

Responses

HTTP Code	Description	Schema
200	Email list was successfully retrieved	object

Consumes

- `application/json`

Produces

- `application/json; charset=UTF-8`

3.1.3. Create a friend connection

POST /friends/connection/

Description

returns 201 if successful, and error message otherwise

Parameters

Type	Name	Description	Schema
Body	friends <i>required</i>	Friend connection details	FriendsParam

Responses

HTTP Code	Description	Schema
200	OK	object
201	save data successfully	object
400	invalid parameters	No Content
422	saving failed	No Content

Consumes

- `application/json`

Produces

- `application/json; charset=UTF-8`

3.1.4. Create a blocked connection

POST /friends/connection/block/

Description

returns 201 if successful, and error message otherwise

Parameters

Type	Name	Description	Schema
Body	blockParam <i>required</i>	action details	UserActionParam

Responses

HTTP Code	Description	Schema
200	OK	object
201	save data successfully	object
400	invalid parameters	No Content
422	saving failed	No Content

Consumes

- `application/json`

Produces

- `application/json; charset=UTF-8`

3.1.5. Returns the list of friend connection

POST /friends/connection/list/

Description

returns 201 if successful, and error message otherwise

Parameters

Type	Name	Description	Schema
Body	userEmailParam <i>required</i>	User email address	UserEmailParam

Responses

HTTP Code	Description	Schema
200	data retrieved successfully	object
400	invalid parameters	No Content

Consumes

- `application/json`

Produces

- `application/json; charset=UTF-8`

3.1.6. Creates a subscription

POST /friends/connection/subscribe/

Description

returns 201 if successful, and error message otherwise

Parameters

Type	Name	Description	Schema
Body	subscriptionParam <i>required</i>	action details	UserActionParam

Responses

HTTP Code	Description	Schema
200	OK	object
201	save data successfully	object
400	invalid parameters	No Content
422	saving failed	No Content

Consumes

- `application/json`

Produces

- `application/json; charset=UTF-8`

3.1.7. Returns a list of email address eligible to receive message updates

POST /friends/message/

Description

returns 200 if successful, and error message otherwise

Parameters

Type	Name	Description	Schema
Body	msgParam <i>required</i>	Message update details	PostMessageParam

Responses

HTTP Code	Description	Schema
200	retrieved data successfully	object
400	invalid parameters	No Content

Consumes

- `application/json`

Produces

- `application/json; charset=UTF-8`

Chapter 4. Definitions

4.1. FriendsParam

Name	Schema
friends <i>optional</i>	< string > array

4.2. PostMessageParam

Name	Schema
sender <i>required</i>	string
text <i>required</i>	string

4.3. UserActionParam

Name	Schema
requestor <i>required</i>	string
target <i>required</i>	string

4.4. UserEmailParam

Name	Schema
email <i>required</i>	string

4.5. UserProfileParam

Name	Schema
emailId <i>required</i>	string
fullname <i>optional</i>	string