Simple RSS Reader

1.1 Goal

Build an iOS app to let users read rss feeds.

We expect to receive:

- The code of the application

- A log with the important decisions and the process to develop the app (we may use the git commit comments for this)

In the next section we list the stories that need to be implemented in the application with the related API endpoints for each story.

Any question please, don't hesitate to ask the person who sent you the exercise.

1.2 Stories

1.2.1 As a User I want to register and login

```
POST http://167.99.162.146/users/register
Content-Type: application/json


{"user": "cacciaresi", "password": "cacciaresi"}
> {% client.global.set("auth_token", response.body.access_token); %}


{
    "access_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9"
}


POST http://167.99.162.146/users/login
Content-Type: application/json


{"user": "cacciaresi", "password": "cacciaresi"}
> {% client.global.set("auth_token", response.body.access_token); %}


{
```

```
    "access_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9",

    "user_id": 16
}
```

1.2.2   As a User I want to subscribe to a RSS feed

```
POST http://167.99.162.146/feeds/add

Authorization: Bearer {{auth_token}}

Content-Type: application/json
```

```
{"url": "http://contenidos.lanacion.com.ar/herramientas/rss/origen=2"}
```

```
HTTP/1.1 201 Created

Date: Fri, 21 Sep 2018 03:51:48 GMT

Server: WSGIServer/0.2 CPython/3.6.3

Content-Type: application/json

Vary: Accept

Allow: OPTIONS, POST

X-Frame-Options: SAMEORIGIN

Content-Length: 120
```

```
{
  "id": 5,
  "title": "Política - lanacion.com",
  "url": "http://contenidos.lanacion.com.ar/herramientas/rss-origen=2"
}
```

1.2.3   As a User I want to read the articles of my RSS feeds

GET http://167.99.162.146/feeds

Authorization: Bearer {{auth_token}}

Content-Type: application/json

GET http://167.99.162.146/feeds

HTTP/1.1 200 OK

Date: Fri, 21 Sep 2018 03:52:12 GMT

Server: WSGIServer/0.2 CPython/3.6.3

Content-Type: application/json

Vary: Accept

Allow: OPTIONS, GET

X-Frame-Options: SAMEORIGIN

Content-Length: 122

```
[
  {
    "id": 5,
    "title": "Política - lanacion.com",
    "url": "http://contenidos.lanacion.com.ar/herramientas/rss-origen=2"
  }
]
```

Response code: 200 (OK); Time: 49ms; Content length: 117 bytes

GET http://167.99.162.146/feeds/5/articles
Authorization: Bearer {{auth_token}}
Content-Type: application/json

GET http://167.99.162.146/feeds/5/articles

HTTP/1.1 200 OK
Date: Fri, 21 Sep 2018 03:56:27 GMT
Server: WSGIServer/0.2 CPython/3.6.3

```
Content-Type: application/json

Vary: Accept

Allow: GET, OPTIONS

X-Frame-Options: SAMEORIGIN

Content-Length: 3349


{
  "status": "200",
  "articles": [
    {
      "id": 148,
      "title": "El día que Néstor Kirchner expresó su rechazo a los fueros parlamentarios",
      "url": "http://www.lanacion.com.ar/2174110-el-dia-nestor-kirchner-expreso-su-rechazo",
      "summary": "",
      "content": null,
      "date": "2018-09-21T00:33:00Z",
      "read_by": [],
      "loaded": "2018-09-21T01:51:33.688710Z"
    },
    {
      "id": 149,
```

```
    "title": "Presupuesto 2019: quiénes ganan y quiénes pierden con los cambios en el proyecto",

    "url": "http://www.lanacion.com.ar/2174042-ganadores-perdedores-cambios-presupuesto",

    "summary": "",

    "content": null,

    "date": "2018-09-21T00:11:00Z",

    "read_by": [],

    "loaded": "2018-09-21T01:51:33.701581Z"

   }

  ]

}
Response code: 200 (OK); Time: 63ms; Content length: 3264 bytes
```

1.2.4   As a User I want to update/refresh a RSS feed

```
PUT http://167.99.162.146/feeds/5/refresh

Authorization: Bearer {{auth_token}}

Content-Type: application/json


PUT http://167.99.162.146/feeds/5/refresh


HTTP/1.1 200 OK
```

```
Date: Fri, 21 Sep 2018 03:57:06 GMT

Server: WSGIServer/0.2 CPython/3.6.3

Content-Type: application/json

Vary: Accept

Allow: PUT, OPTIONS

X-Frame-Options: SAMEORIGIN

Content-Length: 20


{

    "new_articles": 10

}


Response code: 200 (OK); Time: 207ms; Content length: 20 bytes
```

1.2.5 As a User I want to delete a RSS feed

```
DELETE http://167.99.162.146/feeds/5

Authorization: Bearer {{auth_token}}

Content-Type: application/json


DELETE http://167.99.162.146/feeds/5
```

```
HTTP/1.1 200 OK

Date: Fri, 21 Sep 2018 04:02:31 GMT

Server: WSGIServer/0.2 CPython/3.6.3

Content-Type: application/json

Vary: Accept

Allow: OPTIONS, DELETE

X-Frame-Options: SAMEORIGIN

Content-Length: 2


{}


Response code: 200 (OK); Time: 31ms; Content length: 2 bytes
```

1.2.6 As a User I want to mark an article of a RSS feed as read/unread

```
PUT http://167.99.162.146/feeds/5/articles/148/toggle_read
Authorization: Bearer {{auth_token}}
Content-Type: application/json


PUT http://167.99.162.146/feeds/5/articles/148/toggle_read
```

```
HTTP/1.1 200 OK

Date: Fri, 21 Sep 2018 03:57:32 GMT

Server: WSGIServer/0.2 CPython/3.6.3

Content-Type: application/json

Vary: Accept

Allow: PUT, OPTIONS

X-Frame-Options: SAMEORIGIN

Content-Length: 49


{

    "article_id": 148,

    "read_by_current_user": true

}
```

Response code: 200 (OK); Time: 87ms; Content length: 49 bytes