Mobility Educational SoS

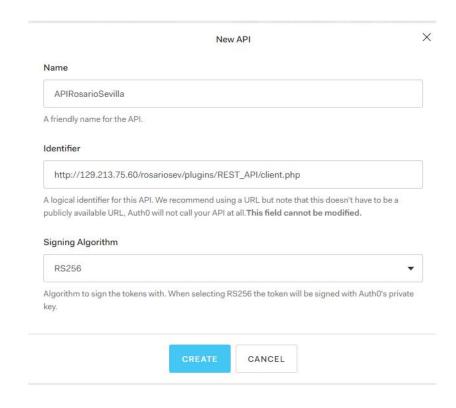
- 1 Configure at least two instances of Basic Educational SoS
- 2 The administrative offices instances should install the REST_API plugin:
 - The REST API plugin is available in our repository: https://github.com/edufysos/REST API
 - This version was modified from the original one available at https://gitlab.com/francoisjacquet/REST API/
 - Copy the REST API folder and its contents inside the plugins/ folder of RosarioSIS

- 2 The administrative offices instances should install the REST API plugin:
 - In RosarioSIS, go to School -> Configuration -> Plugins and click "Activate" the REST API plugin:

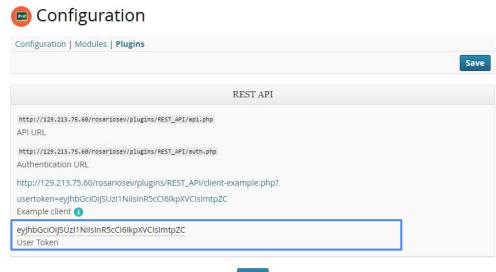


- Edit config.inc.php file, adding the following line (change the passphrase):
 - o define('ROSARIO_REST_API_SECRET', 'thisIsMyPassphraseChangeMe');

- 2 The administrative offices instances should install the REST API plugin:
 - To allow other partner universities connect to this API,
 we should generate a User Token:
 - Create an account at Auth0 (https://auth0.com/)
 - Log into your Auth0 account and create an API, informing a name (any) and the identifier.
 - The identifier should be the API endpoint URL (<url of Partner University instance>/plugins/REST_API/client.php)
 - o Go to API Settings -> Test. Copy the
 "access token"



- 2 The administrative offices instances should install the REST_API plugin:
 - In RosarioSIS, go to School -> Configuration -> Plugins and click "Configuration" in the REST API plugin
 - Inform the "access_token" in the field User Token



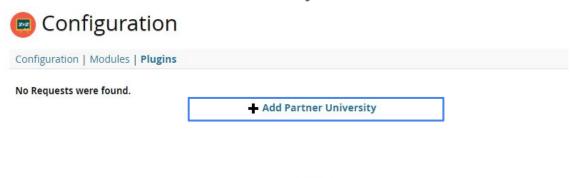
- 3 The administrative offices instances should install the Mobility plugin:
 - In RosarioSIS, go to School -> Configuration -> Plugins and click "Activate" the Mobility plugin:



• Then, click "Configuration", to configure Mobility plugin

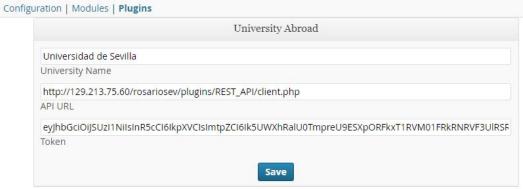
	Title	Activated	Configuration
- Deactivate	Moodle	✓	Configuration
 Deactivate 	REST API	✓	Configuration
- Deactivate	Mobility	4	Configuration

- 4- On Mobility plugin configuration, you should inform all partner universities:
 - Click on "Add Partner University" link to add a new Partner University

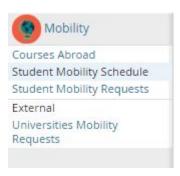


Save

- 4- On Mobility plugin configuration, you should register all partner universities, informing:
 - The name of the partner university
 - The API URL (endpoint URL to access the partner universities services)
 - The REST_API plugin, available at EDUFYSoS repository, offers the API client.php. So, you need to inform <url of Partner University instance>/plugins/REST API/client.php
 - The University Token, needed to authenticate the access to the services offered by the partner university
 - This token is created during the REST_API configuration of the partner university (the User Token field)



5- The Menu "Mobility" will appear at RosarioSiS, allowing the execution of the use cases related to a student to make a study period abroad at a partner university



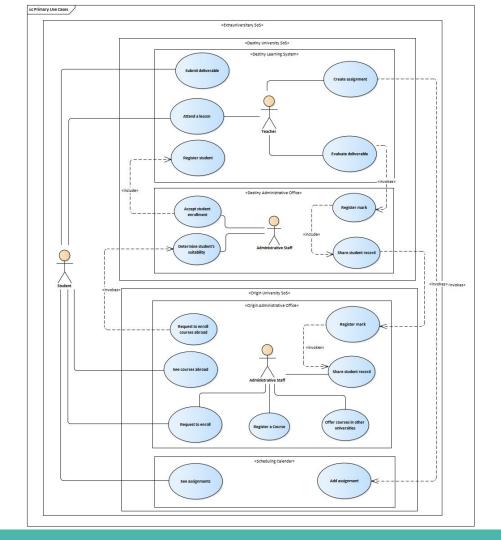
Note:

- The figures on step 2 show a configuration example for a destiny university
- The figures on steps 3, 4 and 5, show a configuration example for an origin university

To illustrate the Mobility Educational SoS Scenario, we create two basic Educational instances representing two universities:

- Universidad de Sevilla (destiny university):
 - With the courses created previously in the Basic Educational SoS
- Universidade Federal Fluminense (origin university)

Use Case Diagram

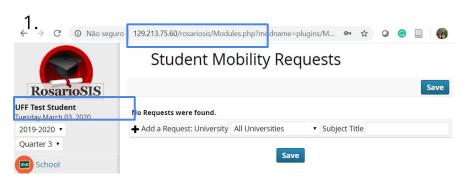


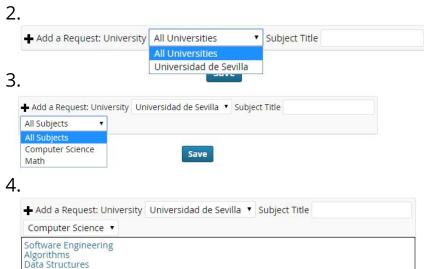
See courses abroad

A Student from Universidade Federal Fluminense, can see the following courses:



Request to enroll

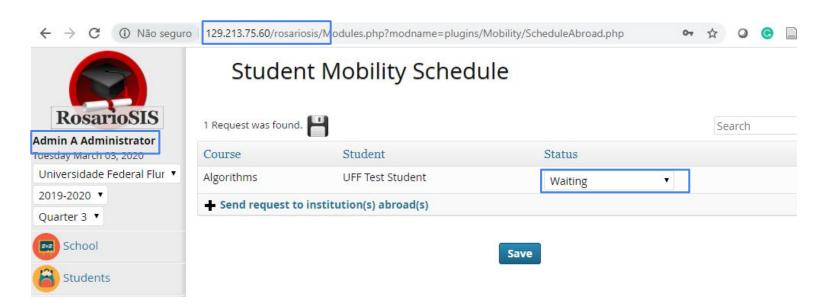






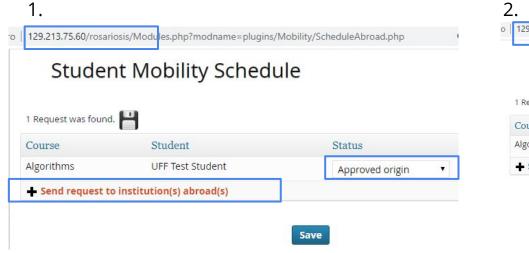
Request to enroll courses abroad

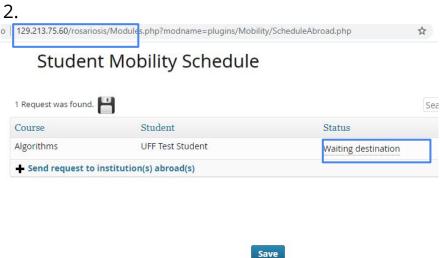
The administrative staff can see all the students requests and decide to accept or deny them:



Request to enroll courses abroad

After approves a request, the administrative office can send the request to destiny university.





Determine student's suitability

After approves a request, the administrative office can send the request to destiny university.

