NARMS P2P

SAFAPS Acceptance Test Sprint 2

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New ATCO Reporting			Software Product Architecture
and Monitoring	Project name	NARMS P2P	Resources Control System
System	Subject	Acceptance test	Resources Control System
	Chapter name	Purpose of the document	

1 Purpose of the document

The document presents how acceptance testing was conducted for the SAFAPS project Sprint 2. The document will present several test cases, the actual format of the tests, tools used for testing and the results of the testing process.

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3 SAFAPS Backlog for sprint 2

The Backlog contains only 1 user story:

As a PO for SAFAPS, I want a working and tested SAFAPS API with callable methods, so that I
can begin integrating it with NARMS

Details regarding this user story:

- 1. Create manually 1 organization account (ex: SAMO) into SAFAPS.
- 2. The methods from the SAFAPS API should be callable respecting the defined format, but no need to implement complex logic behind them.
- 3. Write unit tests for the methods you are going to implement. You can use some 'dummy' data respecting the format in your tests.
- 4. You should deploy it on the test environment, and have it running so that I can perform acceptance testing. (In case you have some problems with deployment, let me know; I might do the tests on your own machines.)

The acceptance tests will performed on the methods of the API. The methods can be divided into 3 areas: Evaluation, Manager Management and Invoices.

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4 Testing tools

4.1 Advanced REST Client App

A browser extension for Google Chrome that allows to make HTTP/HTTPS calls to Web APIs.

https://chrome.google.com/webstore/detail/advanced-rest-client/hgmloofddffdnphfgcellkdfbfbjeloo

4.2 Mockable.io

A web application that allows you to mock web services.

https://www.mockable.io

Because SAFAPS's response for an evaluation request is send to a URL that the requester needs to provide, it is necessary to have a web service method that would receive the response. With mockable.io it is possible to create a mock for this method. Here is the URL that accepts a POST request:

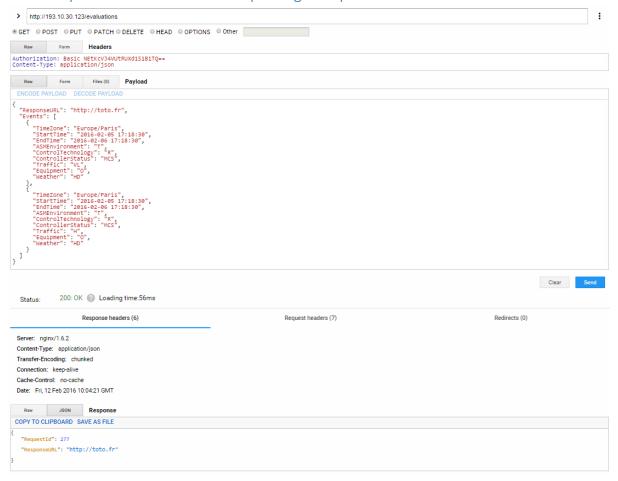
http://demo1559890.mockable.io/response

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5 Evaluations area

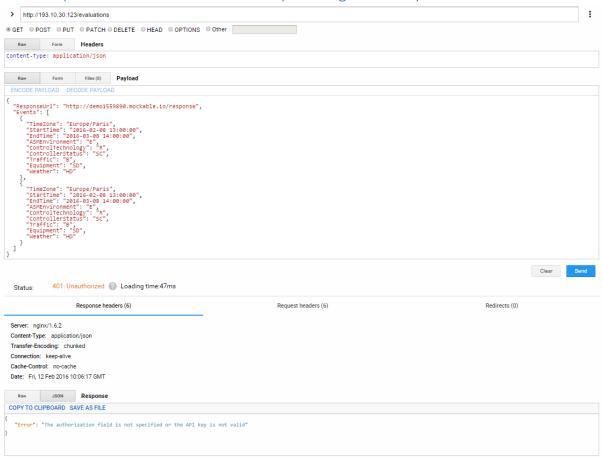
5.1 Request for an evaluation respecting the specification



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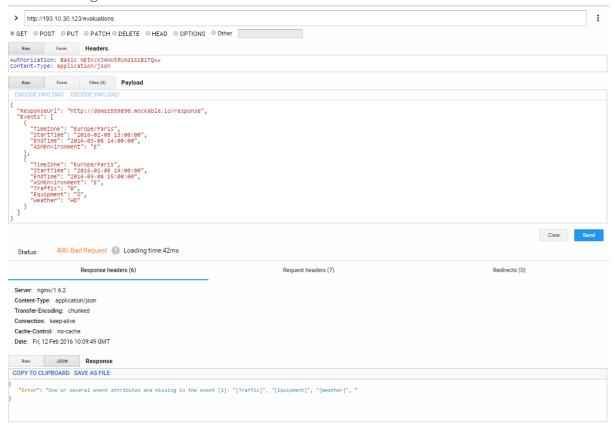
5.2 Request for an evaluation without providing an API key in the authorization field



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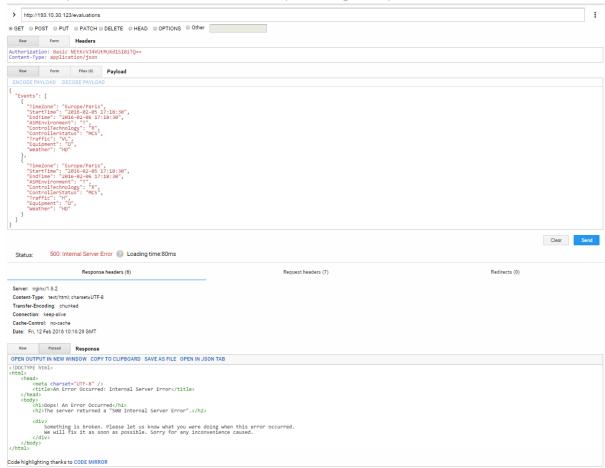
5.3 Request for an evaluation with some elements in the body of the request having missing attributes



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5.4 Request for an evaluation without providing a response URL



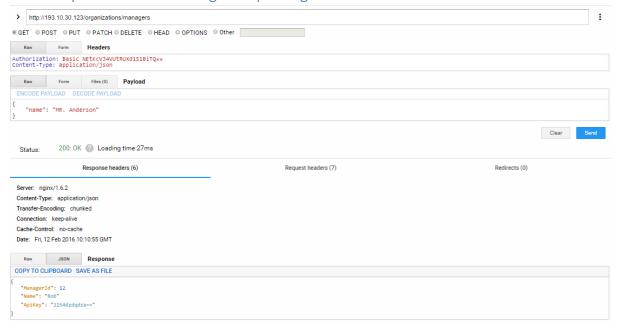
FAIL

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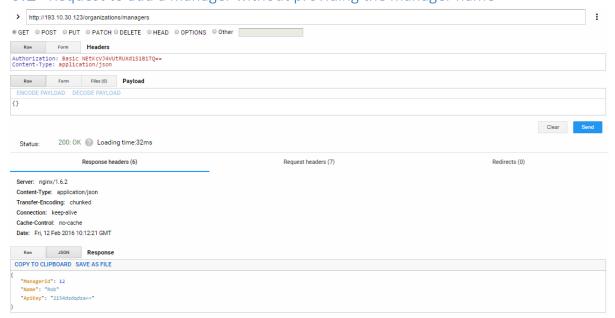
6 Manager Management Area

6.1 Request to add a manager respecting the format



PASS

6.2 Request to add a manager without providing the manager name



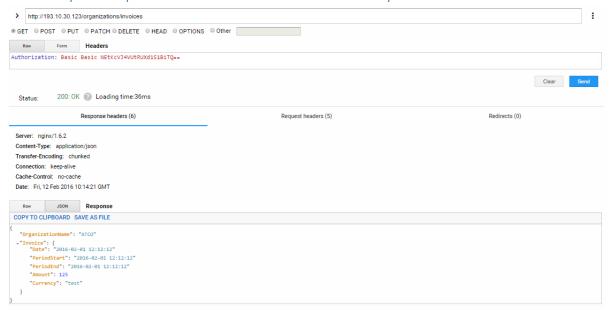
FAIL

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7 Invoices Area

7.1 Request to produce an invoice that will be sent by email



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8 Results

Item	Result	Issues
Request for an evaluation respecting the	Pass	
<u>specification</u>		
Request for an evaluation without providing an API	Pass	
key in the authorization field		
Request for an evaluation with some elements in the	Pass	
body of the request having missing attributes		
Request for an evaluation without providing a	Fail	Returns Http code 500, Internal
response URL		Server Error
Request to add a manager respecting the format	Pass	It would be nice though if it returned the same manager name that was passed in the request body.
Request to add a manager without providing the	Fail	Because the body of the
manager name		request was empty, it should
		return an error.
Request to produce an invoice that will be sent by	Pass	
<u>email</u>		