Smart Personal Organizer

Johann Haag, Tarik Hosic und Simon Blaha 18.6.2019, Leonding

Project Name	Smart Organizer
Project Leader	Simon Blaha
Version	1.0
Document state	In process

Contents

1	Test	S		3
	1.1	REST	Server	3
		1.1.1	Test 1 - Register User	3
		1.1.2	Test 2 - Login User	3
		1.1.3	Test 3 - Logout User	4
		1.1.4	Test 4 - Create Appointment	4
		1.1.5	Test 5 - Delete appointment	5
		1.1.6	Test 6 - Edit appointment	5
		1.1.7	Test 7 - Get all appointments	5
		1.1.8	Test 8 - Create Group	6
		1.1.9	Test 9 - Delete Group	6
		1.1.10	Test 10 - Get Group	6
		1.1.11	Test 11 - Path	7

1 Tests

1.1 REST Server

1.1.1 Test 1 - Register User

Test step	Description	Expected Result
1	Register non existing user on REST server per POST request and with valid JSON-Object	The user will be created on the server and the server send a JSON-Object with the username of the created user.
2	Register an existing user on REST server per POST request and with valid JSON-Object	The user will not be created on the server send an error with error code back.
3	Send incorrect JSON object to the REST server per Post request	The server answers with a JSON-Object with an error (Unvalid request).

1.1.2 Test 2 - Login User

Test step	Description	Expected Result
	I agin aviating upon with connect	The server will answer with an
1	Login existing user with correct password and username	JSON-Object with a username
	password and username	attribut and a token attribut.
2	Try to login non existing user on	The server answers with a
	Try to login non existing user on REST server per POST request	JSON-Object with an error and
		error code.
	Try to login an existing user on REST	The server answers with a
3	server per POST request with wrong	JSON-Object with an error and
	password	error code.
4	Send JSON object with too many/less	The server answers with a
	attributes to the REST server per	JSON-Object with an error
	Post request	(Unvalid request).

1.1.3 Test 3 - Logout User

Test step	Description	Expected Result
1	Logout existing user with correct token and username	The server will answer with a JSON-Object with result that
2	Try to logout non existing user on REST server per POST request	the result logout. The server answers with a JSON-Object with an error and error code.
3	Try to logout an existing user on REST server per POST request with wrong token	The server answers with a JSON-Object with an error and error code.
4	Send JSON object with too many/less attributes to the REST server per Post request	The server answers with a JSON-Object with an error (Unvalid request).

1.1.4 Test 4 - Create Appointment

Test step	Description	Expected Result
1	Create appointment with valid token and username	The server creates the appointment and gives back a result.
2	Create appoitnment with invalid token or invalid username	The server sends an error.
3	Send JSON object with too less attributes to the REST server per Post request	The server answers with "Unvalid request" error.

1.1.5 Test 5 - Delete appointment

Test step	Description	Expected Result
1	Send valid JSON-Object with valid username and token and appointmentid	The server will answer with a result.
2	Send valid JSON-Object with invalid username or token	The server will answer with an error that username or token is not correct.
3	Send JSON object with too less attributes to the REST server per Post request	The server answers with "Unvalid request" error.

1.1.6 Test 6 - Edit appointment

Test step	Description	Expected Result
1	Edit existing appointment with valid	The server will answer with a
1	JSON-Object	result.
	Send JSON object with too less	The server answers with
2	attributes to the REST server per	"Unvalid request" error.
	Post request	Olivana request cirol.
	Edit existing appointment with valid	The server will answer with an
3	JSON-Object but the user is not the	
	owner of the appointment	error.
4	Edit non ovisting appointment	The server will answer with an
4	Edit non existing appointment	error.

1.1.7 Test 7 - Get all appointments

Test step	Description	Expected Result
1	Send valid JSON object with valid	The server will send all
1	token and username	appointments of the given user.
Send valid JSON object wi token or invalid username	Send valid JSON object with invalid	The server will send an error.
	token or invalid username	The server will send all error.
3	Send JSON object with too less	The server answers with
	attributes to the REST server per	"Unvalid request" error.
	Post request	Onvand request error.

1.1.8 Test 8 - Create Group

Test step	Description	Expected Result
1	Send valid JSON object with valid	The server will send a result and
	token and username and valid name	will create the group.
	Send valid JSON object with invalid	
2	token or invalid username or existing	The server will send an error.
	name	
	Send JSON object with too less	The server answers with
3	attributes to the REST server per	"Unvalid request" error.
	Post request	Onvand request error.

1.1.9 Test 9 - Delete Group

Test step	Description	Expected Result
1	Send valid JSON object with valid token and username and valid name and valid groupname	The server will send a result and will delete the group.
2	Send valid JSON object with invalid token or invalid username or existing name	The server will send an error.
3	Send JSON object with too less attributes to the REST server per Post request	The server answers with "Unvalid request" error.

1.1.10 Test 10 - Get Group

Test step	Description	Expected Result
1	Send valid username and valid token	The server will send all groups in which the user is the owner.
2	Send JSON object with too less attributes to the REST server per Post request	The server answers with "Unvalid request" error.
3	Send invalid username or invalid token	The server will answer with an error.

1.1.11 Test 11 - Path

Test step	Description	Expected Result
1	Send a JSON object to a non existing	The server will answer with an
	path	error and error code.