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 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 responses with an error (Unvalid request).

1.1.2 Test 2 - Login User

Test step	Description	Expected Result
1	Login existing user with correct password and username	The server will response with an JSON-Object with a username attribut and a token attribut.
2	Try to login non existing user on REST server per POST request	The server responses with an error and error code.
3	Try to login an existing user on REST server per POST request with wrong password	The server responses with an error and error code.
4	Send JSON object with too many/less attributes to the REST server per Post request	The server responses with an error (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 response with a JSON object with an result attribut.
2	Try to logout non existing user on REST server per POST request	The server responses with an error and error code.
3	Try to logout an existing user on REST server per POST request with wrong token	The server responses with an error and error code.
4	Send JSON object with too many/less attributes to the REST server per Post request	The server responses 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 responses 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 response with a result.
2	Send valid JSON-Object with invalid username or token	The server will response 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 responses with "Unvalid request" error.

1.1.6 Test 6 - **Edit appointment**

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

1.1.7 Test 7 - **Get all appointments**

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

1.1.8 Test 8 - **Create Group**

Test step	Description	Expected Result
1	Send valid JSON object with valid token and username and valid name	The server will send an result and will create 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 responses with "Unvalid 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 responses 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 responses with "Unvalid request" error.
3	Send invalid username or invalid token	The server will response with an error.

1.1.11 Test 11 - Path

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

1.1.12 Test 12 - Invalid JSON object

Test step	Description	Expected Result
1	Send a invalid JSON object	The server should response with an error.

1.2 CalendarGUI

1.2.1 Test 1 - Create appointments

Test step	Description	Expected Result
1	Once you have the title, the description, the start and has entered the end time of the appointment, simply press the button AddEvent.	As soon as you press the Add button, the CalendarView will appear then from when to when the appointment is and the title of the appointment.

1.2.2 Test 2 - Delete appointments

Test step	Description	Expected Result
1	As described above you have an appointment using the AddEvent button, and once the appointment has been added, press the appointment and it then appears small window where Delete stands.	As soon as you press the Delete button, the appointment is removed.

1.2.3 Test 3 - **Edit appointments**

Test step	Description	Expected Result
1	As described above you have an appointment using the AddEvent button, and once the appointment has been added, press the appointment andit then appears small window where Edit is.	As soon as you press the edit button, the date will not be edited. The test fails.

1.2.4 Test 4 - **Select appointments**

Test step	Description	Expected Result
1	Once you have added an appointment, you can click on CalendarView on a date where an appointment has been added and this appears under the CalendarView.	The date appearing below can then to be selected.

1.2.5 Test 5 - **Show appointments**

Test step	Description	Expected Result
1	Once you have added an appointment, you can click on CalendarView on a date where an appointment has been added and this appears under the CalendarView.	passed

1.2.6 Test 6 - **CalendarViews**

Test step	Description	Expected Result
1	There are three different views of the calendar. The first view of this is the month view, where all days of a month view. The second view of the calendar is the week view. In the week view are displayed seven days of a month. You can then use an arrow that is right above the calendar view appears, go to next week. The third view of the calendar is the day view. In the day view The times are displayed from six o'clock in the morning until six in the evening of one day. You can then use an arrow,which appears on the right above the calendar view, go to the next day.	passed