



## Minutes of Meeting

<b>Project</b>	<b>Social media in the Automation Industry</b>	<b>Date</b>	09/12/2013
		<b>Start-end time</b>	21:00-22:00
<b>Responsible</b>	Robert Gustavsson	<b>Location/type</b>	Zagreb/Västerås

<b>Attended by</b>	<b>Location</b>	<b>Remarks</b>
Mario Milas	Skype	
Ditmar Parmeza	Skype	
Tomislav Vresk	Skype	
Marta Milakovic	Skype	
Robert Gustavsson	Skype	
Dimitrios Kostopoulos	Skype	
Akhlaq Malik	Skype	
Pierfrancesco Ranieri	Skype	

## 1. Decide secretary and agenda keeper

Robert Gustavsson

## 2. Customer meeting

Robert showed the mobile application (running on a real device), customer enjoyed it. Minor changes:

- Be able to switch between just human and sensor on main feed page
- See your own feeds on profile page and be able to go to contact info from there

Mario showed the web application (running on a real web server), overall good impression on the customer. Minor changes:

- Move publish button and change color of it
- If only three categories, make buttons/labels instead of dropdownlistbox
- Show what is currently filtered in the button where you chose filtering
- How to display sensor data on the right side (only subscribed or all?, maybe switch between)

Overall the customer was happy and look forward to see a more finished version in the end of Beta change, but he thought the team was on a good track and had understood the idea behind the project.

The customer purposed to have user tests when Beta was ready: Take eight random people (for each application) and make them do a task. e.g. have a picture on a disaster and give them the mobile app and say, share this with your fellow employees and see if the user handles it (if possible record or take a lot of pics). Could have a poll to fill in after the scenarios.

Robert explained how the architecture is designed and the benefits it has:

- Portable class library in DAL and BLL (makes it possible to reuse the code in multiple applications)
- JSON service to make it possible to connect whatever application that supports it
- Stored procedures in the DB to make it easier to connect whatever data abstract layer easier.

## 3. Status of the implementation components

### a. Simulator

No changes to the simulator. Is in the same state as beginning of Alpha. Might be changed in the upcoming weeks, since sensor feeds will now be implemented in the applications.

### b. Database

The database has been updated, some new functionalities has been added, e.g. subscribe on sensor data, unsubscribe and get all subscriptions. Also saved filter has been updated.

### c. BLL

Some design changes. e.g. HumanManager and SensorManager is merged to UserManager. Is in the same state as DAL. Almost all features are the same, some changes for features that are still unused, so no code changes should be needed. Code documentation is currently getting added.

### d. DAL

Full connectability with the service, missing some minor features but they will be implemented after the meeting. Rest of the functionality will be added during the upcoming week.

#### **e. Mobile PL**

The mobile is now compatible with the new BLL (async calls) and can be further developed during the week. Upcoming features is:

- Comment on feeds
- Better "See Tags" page
- Get sensor data
- Update the GUI according to customer feedback

Akhlaq has created a Photoshop project to work with the design on the mobile, to get a better feeling on how the final design will look like. It is almost finished and will be uploaded tomorrow for everybody to check.

#### **f. Web PL**

Started on the profile page. New connection with the BLL, maybe the server was just down. Robert will check after the meeting.

#### **g. Service**

The service has been updated with a lot of features, all the features that was available before is now there and also further functionality. Get filter feeds etc. Pictures

#### **h. Testing**

Acceptance tests was created. NUnit test project was created, some problems with receiving data. Some unit methods was created. Testing the PL's will be carried out later on.

### **4. Problems so far**

#### **a. New BLL in Web app**

This was carried out during the Web PL, it might have been the server that was down.

#### **b. Saving Pictures**

.Further discussion has to be done on this topic

### **5. Next weeks activities**

Marta will research about saving pictures through JSON

### **6. Other Questions / Thoughts**

The team should have higher the motivation the last two weeks, and try to find back to the spirit that was in the beginning. To finish as good as we started!

Add so the GetSensorInformation SP in the DB is returning the units also.

HAPPINESS POLL! :D

**Right side on web site:** Show real-time data from sensors there and enable filter on sensors on the left side.