

Weekly report #2

Status report

Date	23-02-2014
Week	8
Group	CAPGEMINI_EMR_integration

Introduction

We have planned, and started sprint #2 of our project. A lot of time has been used to plan the remainder of the project, by determining the features of our projects release versions.

Progress summary

For this sprint, ending on next friday, we plan to have the following two "epic"s ready:

- 🔗 EA-53 - Vi skal lage en dummy Vscan app som kan starte vår app med et eller flere bilder. **RESOLVED**
- 🔗 EA-52 - GUI skal mockes opp, testes og implementeres **RESOLVED**

This will result in the delivery of "Backfire", the release version 0.2. The way we are working, we are continuously building the product backlog. We aim to collect all the issues in Epics, which will be the basis for what to focus on in the current release. The reason for starting with GUI and the basic start-up functionality, is because our project depends on a lot of insight and specific information. Currently we miss a lot of this information, and we plan to postpone these rather important features to further releases, in order to find answers to these questions.

Now that we have selected features for a release, we will write product requirements for this release.

Open / closed problems

A lot of questions about DICOM and PACS have arisen the last couple of weeks. We have yet to find good resources to read up on, and are searching for answers in every direction we can think of.

Solved problems

- We now have a pretty good idea of how the GUI is going to look like (tests will be conducted early next week)
- We have determined a progress plan for the project (with milestones etc.)
- We have a pretty good idea about how our app will be able to handle different kinds of EMRs (through a packaging system)

Open problems

- We need to do further research on the following:
 - Is DICOM (Image object and transfer protocol) an industry standard?
 - How does a typical EMR query look like, and is it possible to request specific types of data from an EMR, e.g. name, address?
 - How is our app required to contact the PACS/EMR servers to upload images?
 - What interfaces do the application have to work with?
 - What protocols must the application handle?
 - How are DICOM files associated with a patients EMR?
- We are currently experiencing issues in regards to group members falling ill.

Planned work for next period

Next week is the last week of sprint #2. That involves completing the GUI (including testing and relevant report writing), in addition to completing a dummy Vscan app (the customers app) that is able to call/pass through images to our app.