Weekly report #8

Status report

Date	06-04-2014
Week	14
Group	CAPGEMINI_EMR_integration

Introduction

Sprint #5 was started this week.

Progress summary

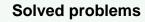
This week started with the group needing to agree upon a change in the application architecture. We realised that our initial solution to how we communicate with EHR server was not modular enough. We agreed that a android service, next to our application, was the way to go.

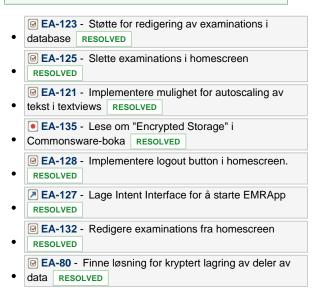
A lot of effort has been put into getting patient info pulled from a dummy DIPS server. This has been harder than expected since the documentation of the DIPS server is not very good, and it's coded in C#, which we alongside everything else, have to learn.

Work has also been put into encryption of the SQLite database. We're trying to encrypt it using a library called SQLcipher. If we manage to make it build with Maven the rest of the implementation should be fairly straight forward. We've also discussed if androids whole-phone encryption is enough, in terms of security, if SQLcipher won't work with Maven.

Open / closed problems

Pulling data from the DIPS server has been challenging and a lot of time has been spent on research and learning the API.





Open problems / In progress

EA-116 - Implementere SQLCipher RESOLVED
EA-131 - Implementere funksjonalitet for sletting av bilder og database ved endring av settings IN PROGRESS
EA-137 - Lage AIDL for kommunikasjon med Service
RESOLVED
+ EA-71 - Teknisk personell må kunne sette et passord ved førstegangsoppsett RESOLVED

Planned work for next period

Finish sprint #5 and try to complete a lot of the remaining issues before group members leave on easter vacation.