



Bi-Weekly Report Number 1

FHIRFLi version 2.0

Team Number 18

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COMP0016 System Engineering

October 12, 2018

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Overview

1. meeting the client , gathering requirements
2. research on which project to use , as there were 3 choices of projects and each one was different , required different technologies
 - the first consists of updating the datasets from SQL to FHIR and then upgrading the FHIR database through a blockchain approach
 - the second one was about adding a voice API to the existing FHIR FLI app
 - the third one was about integrating the FHIR FLI app with Aetna international which is an insurance company
3. Started working on the Human Computer Interaction report , designing the prototype according to the needs of the users

Progress

- after some research we decided to pick the first project and learned basic concepts of blockchain

Plans

- second meeting with the client to gather further requirements and discuss the project further
- Research on which blockchain technology to use as there are several ones , like IBM Blockchain , Azure Blockchain and others.
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Meeting Record

Date: 09/10/2018

Summary: Mr. Matei explain the FHIR FLI and technologies requirements and available open source resources of three choices to us. We need to decide which project to do before the meeting in next week. Currently all of us are interested in the blockchain and that's the temporary decision.

- Mostafa Ibrahim:

During the first two weeks , I contacted the client , introducing our team to him and scheduling our first meeting to gather requirements and discuss the project. I have also made a check list of the things that we have to work on for the HCI report , the bi-weekly report and our research as we had to choose between one of three projects to work on.

- Jiahao Wang:

During these two weeks, I joined the meeting with client and did the record, finished part of the bi-weekly report and start to learn about the blockchain for the project.

- Zhengxian Fan

In the first week, I learned sql language for this project since we need to convert dataset from sql to fhir in the first task. During the second week, I met the client and studied some basic concepts of blockchain then found some useful voice api and natural language processing api for the second task.