Bi-Weekly Report Number 8

FHIR FLI Version 2.0

Team Number 18

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Current Progress:

We have discovered that we still have a feature that we need to implement to fully finish the first requirement (the user registration system), which is end point parameters checking, for the user credentials data that is sent over to the server. For the second requirement, which is displaying data from the Fitbit on the user dashboard, Mostafa reached out to a github repository owner that is a friend of our client, basically he developed a fhir-converter which is an open-source tool that would help us in converting the fitbit data to the fhir format. As for the third requirement which is developing a decentralized data storage system, Zhengxian Fan is working on it and was considering using Azure Blockchain Workbench instead of Solid inrupt due to several reasons.

Every team member individual progress:

- **Mostafa Ibrahim:**
    - Setting up a meeting with fhir-converter github repository owner
    - Meeting with teammates to discuss a different decentralized data storage technology

- **Zhengxian Fan:**
    - Researching Azure Blockchain Workbench,Solid inrupt and the differences between them
    - Attempted Solid Inrupt API implementation

- **Jiahao Wang:**
    - Working on front-end edits
    - Working alongside Zhengxian Fan on finishing the third requirement
    - Learning React JS to be able to modify the front-end

Next 2 weeks plan:

We aim to make progress on the 3 requirements simultaneously, Mostafa is going to work on the second part of his requirement which is converting the fitbit data to the fhir format and storing it in the MongoDB. Zhengxian Fan is going to further investigate Azure Blockchain Workbench and decide which technology to use. Jiahao Wang is going help Zhengxian finish the third requirement due to its significance.