Current Status (11/15/17)

- Hospital EHR data created and loading into the FHIR server.
- iOS app collecting patient data
- Physician SMART app displaying birthweight charts, patients, and enabling an initiate referral.
- Physician SMART app pulling data from the FHIR server

Major remaining development:

- iOS app to send data to FHIR server (Justin)
  - With the FHIR server running we should see new data in the system when the iOS.
  - Leverage the existing patients in the data set.
- SMART app leveraging the new questionnaire format (John)
  - The 2 questionnaires are in the patient folders and you can see them in the fhir server (http://127.0.0.1:8080/search?serverId=home&pretty=true&resource=QuestionnaireResponse&param.0.qualifier=&param.0.0=&param.0.name=_language&param.0.type=string&sort_by=&sort_direction=&resource-search-limit=)
  - Side note – Marla Dixon has two weights and I saw them listed in the key to the chart, but not in the actual chart – I wasn't sure if there was a problem or this wasn't implemented
- SMART app clinical logic on the status of the breastfeeding (Zeyu deliver to John)
  - John since you have lot on your plate please coordinate any handoff of tasks to Zeyu.
- SMART app referral transmission to Lactation consultant (John)
  - NEW – Since we have NOT touched the lactation consultant portal and it has a different questionnaire format and is at FHIR level 2, it would be nice to have this data transmitted the same way so that part of the application remains functional when we deliver it).
- Test app cases (Philip and Zeyu)
  - Now that the Physician APP is in the containers we should be able to run tests that simulated new data from the EHR or the iOS app and visually ensure we have the expected results. I suggest that tests be defined for the interesting clinical parts of the decision process, new patients, a progression of new data coming in from many patients, etc. These can be separate folders with the JSON data put into the FHIR server with a script.
    - The container would be started with the additional launch command –v <path to test scripts>:/root/testcase/
      - This will bin mount the <path> to the container as /root/test/
    - The test would then be run with the command "docker exec -it wedidntstartfhir /root/testcase<num>.sh"

- - The results would be determined from visual check on the smart app.
    - As Philip is the test lead and understands the data formats – please assign test cases to Zeyu to implement.
- Integration and prep for handoff (Jamon)
    - Need to ensure we are following the docker compose and meet the to be released doc requirements for CDC projects.
    - Will continue to help get pieces integrated.