



Team 55: National Firefighter Registry

In Collaboration with CDC-
NIOSH

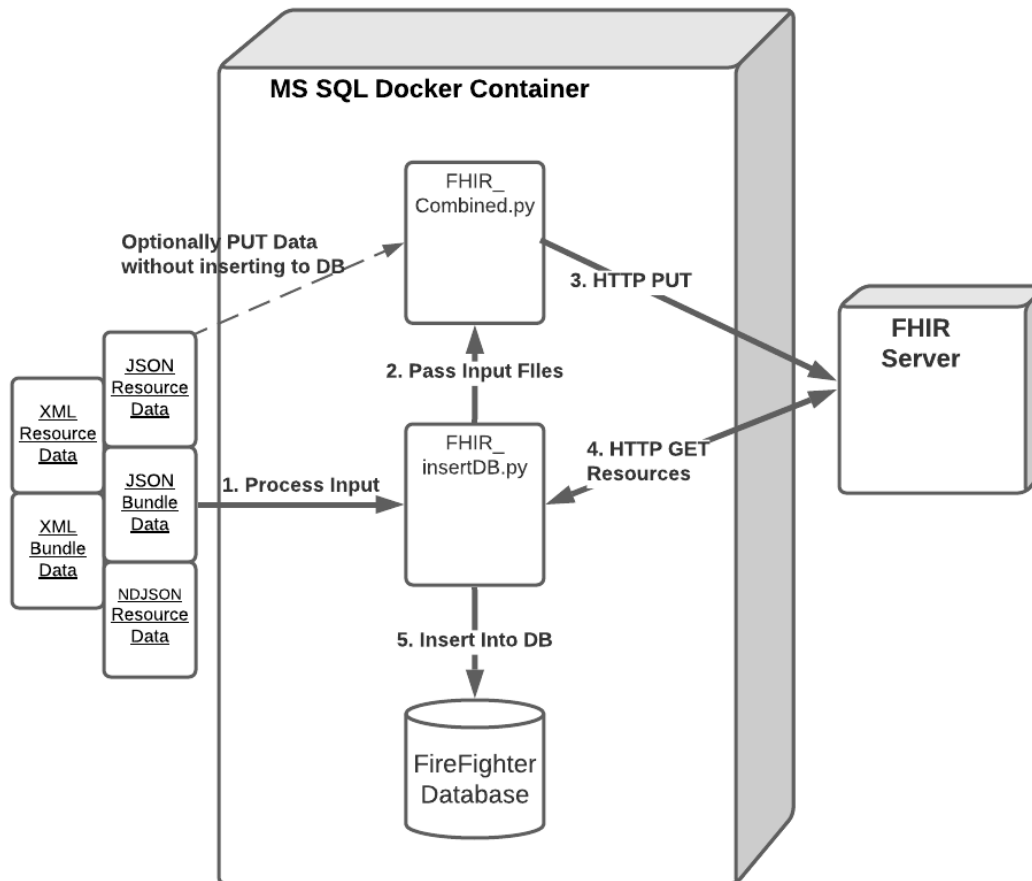
11/29/2020



Agenda

- Project Goals and Requirements
- Team Roles and Contributions
- Research on Design
- Demonstration
- Project Status and Gantt Chart
- Future Plans and Opportunities

Project Goals and Requirements



Team Roles and Contributions

Team 55 Members:

- James Davis
- Haolong Yan (Jan)
- Rahul Nowlakha
- Joe Kurokawa
- Traver Clifford
- Eric Mammoser

CDC Mentors:

- Jill Raudabaugh
- Breanna Newton

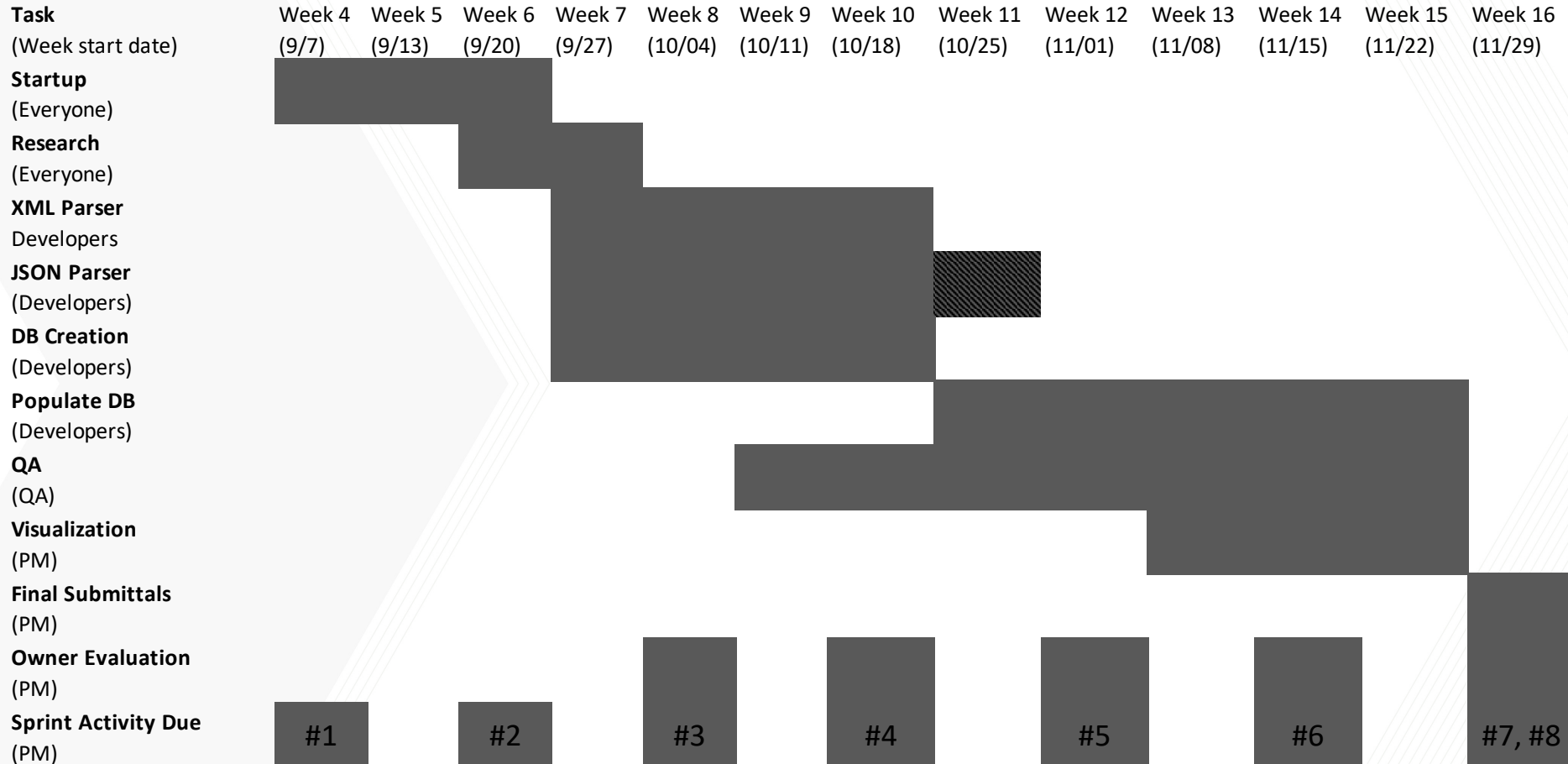
GT Mentor:

- Elizabeth Shivers

Research on Design

- Python libs:
 - Considered fhirclient.py to handle interaction with FHIR server
 - Didn't support XML data => settled on handling own HTTP request
- FHIR server to use
 - Public
 - Support R4
- Mapping FHIR resources to DB fields
 - Worked through HL7 FHIR standard and made tentative mapping; aligned with mentor

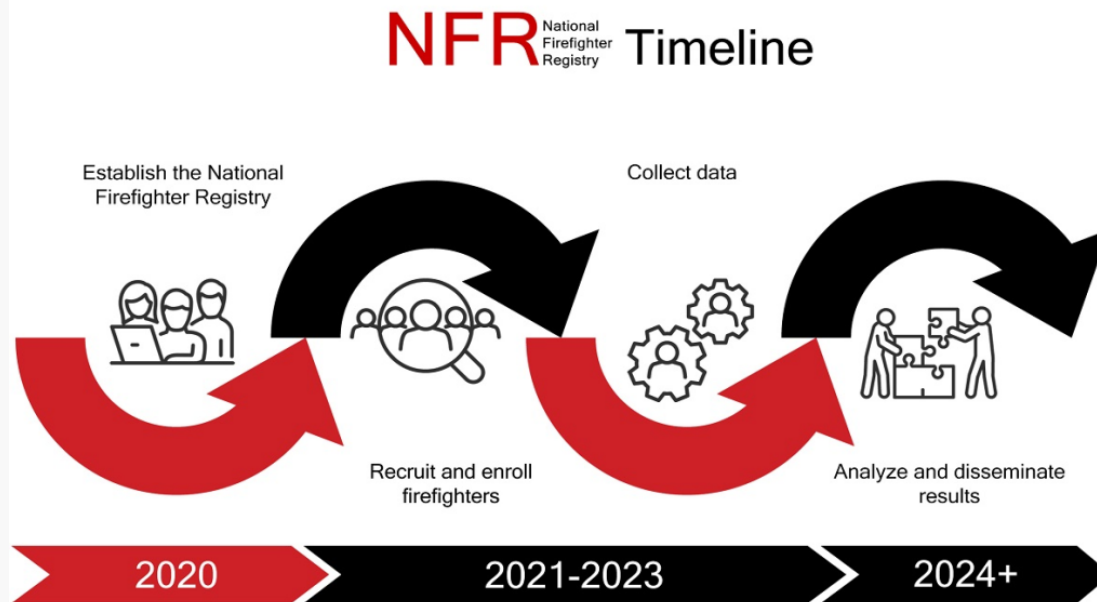
Project Status and Gantt Chart



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Future Plans and Opportunities

- CDC to use our findings to help inform their design



Source: <https://www.cdc.gov/niosh/firefighters/registry.html>