
JEREMY WARNER

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Required Skills:

No Preference,

Web (HTML / JS / CSS)

Preferred Team Communications:

Conference Call, to be discussed

Data Sources:

Ability to work with data tables in R, Python, or a data science platform of your choice.

Willingness to learn about OHDSI and the OMOP model.

Other Items:

N/A

Team Info:

Needs a Developer and Analyst.
Allows one team of 4-6 members.

HEMONC TO FHIR

Modeling complex chemotherapy regimens is a difficult task. Over the past 7 years, we have knowledge engineered a comprehensive chemotherapy regimen wiki with a fairly standardized data model. More recently, we have begun to transform portions of the content into a formal ontology, first in OWL format and more recently in the OHDSI/OMOP format. A longer term goal is to render this data model in FHIR, so that we can incorporate it into two SMART on FHIR applications: SMART Precision Cancer Medicine and SMART Cancer Navigator.

PROJECT OBJECTIVES

1. Transform the OHDSI/OMOP data model into a FHIR-conformant profile, with the goal of developing a Standard Profile for Chemotherapy
 2. Deploy the model in a test instance of either SMART Precision Cancer Medicine or SMART Cancer Navigator
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SUCCESSFUL PROJECT

To Be discussed.

Intellectual Property: Ask Mentor