
IRINA CONNELLY

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Required Skills:

Web Development,
Project Management,
Communications

Preferred Team Communications:

WEBEX, Skype or Conference call

Data Sources:

Georgia Tech synthetic data will be sufficient for the project.

Other Items:

Project has timezone flexibility.
Mentors and students will determine a good time for virtual meeting

HOME AND COMMUNITY-BASED SERVICE PLANS USING FHIR

Project Background:

CMS in a partnership with ONC has published a listing of data elements typically present and in use on service plans for home and community-based services (HCBS). This set of data elements is known as the eLTSS Core Dataset. Extensive background on this effort is available on the ONC Techlab wiki <https://oncprojecttracking.healthit.gov/wiki/display/TechLabSC/eLTSS+Home>

The ultimate goal of this effort is to enable electronic interoperability for long-term services and supports (LTSS) service plans.

The identification of the data items for the eLTSS Core Dataset was a first step in working towards enabling electronic exchange of this data.

The next steps consist of determining whether and how existing HIT standards (e.g. FHIR) can be used to enable and support this exchange.

PROJECT OBJECTIVES

Exercise, evaluate and analyze how well the current FHIR version (DSTU 3) supports the capture and exchange of data typically present on service plans used to document home and community-based services (HCBS).

SUCCESSFUL PROJECT

Successful project will produce and evaluate a capability to represent (read / write) eLTSS Core Dataset items using FHIR Resources. (A detailed mapping will be provided), and will summarize findings into a detailed analysis.

Intellectual Property: Project involves a government agency so the resulting project is made available to the public. Students do not own IP. Students will be recognized as contributors