
VIET NGUYEN

vietnguyen@stratametrics.com

Required Skills:

Java, Python, Web (HTML / JS / CSS), MySQL

Preferred Team Communications:

Conference Call, to be discussed

Data Sources:

CMS beneficiary coverage rules for tracheostomy supplies

Other Items:

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

Team Info:

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

HEALTHCARE COVERAGE REQUIREMENTS DISCOVERY

When physicians order medications, durable medical equipment, or consultations for their patients, they often do not know whether or not the procedure is covered by the patients insurance. In this project, students will use The HL7 Coverage Requirements Discovery FHIR Implementation Guide to create a FHIR application that can be run within an EHR environment. The application will identify and retrieve patient clinical information necessary to support prior authorization of an order for tracheostomy supplies, based on coverage rules defined by the Centers for Medicare and Medicaid Services.

PROJECT OBJECTIVES

Develop a FHIR based application that utilizes SMART on FHIR, CDS Hooks and other FHIR technologies that demonstrates and implementation of the Coverage Requirements Discovery implementation guide

SUCCESSFUL PROJECT

To be determined

Intellectual Property: None