
JAMES COX JOHN SWEENEY

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Required Skills:

(List skills needed) – Java, Web
(HTML / JS / CSS)

Preferred Team Communications:

WebEx / GoToMeeting

Data Sources:

You will work with data from Cerner
FHIR sandbox or existing database.

Other Items:

Project preferred time zone is
Eastern Time Zone

Team Info:

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

SMART ON FHIR

Project Background: The mentors developed an alpha version of a clinical decision support system (CDSS) for hospital discharge decisions that performed well in experiments with residents and advanced medical students. We are looking to develop and deploy a CDSS on Emory Hospital's SMART on FHIR when available. We worked with students in this course in previous years to begin development of a SMART on FHIR application.

Description of the Solution: This team will further development of the CDSS web application based on previous year's work. The current application can request needed data from FHIR services and apply a mathematical model to queried FHIR data to generate a discharge recommendation. This team will work on Graphical User Interface (GUI) based on HTML and JavaScript technology.

PROJECT OBJECTIVES

To improve Graphical User Interface from previous work on CDSS.

SUCCESSFUL PROJECT

To Be Discussed with James Cox and John Sweeney.

Intellectual Property: None