
JAMES COX

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Required Skills:

Technical skills: Java, Web (HTML/JS/ CSS)

Health Domain: Electronic Health Records, Clinical Quality and Safety, Healthcare Costs

Preferred Team Communications:

Conference Call, to be discussed

Data Sources:

Mentors will provide access to de-identified data

Other Items:

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

Team Info:

Needs a Developer, QA, Project Manager. Allows one team of 4-6 members.

POINT OF CARE SUPPORT FOR HOSPITAL DISCHARGE DECISION MAKING

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 further develop and deploy a CDSS on Emory Hospitals patient wards. We worked with students in this course in previous years. Further development of the application is needed to link with electronic health records (EHR) in real time.

PROJECT OBJECTIVES

Further development of Graphical User Interface and real time link to EHR.

SUCCESSFUL PROJECT

To Be Discussed

Intellectual Property: None