
M ALI PERVAIZ

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Required Skills:

Mobile App Development, Responsive Web Design, iOS, FHIR, EMR, Project Management, Communications

Preferred Team Communications:

Weekly or as needed

Data Sources:

EPIC orchard can be used to check the functionality of the app.

Other Items:

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

COMMUNICATE BETWEEN EPIC DESKTOP, ACU ROUNDING PERSONNEL AND MYCHART

With the advent of accountable care organization at the healthcare delivery systems level, there has been a push in implementing accountable care units at the levels of hospital floors. The accountable care units are based on geographic rounding and comprise 1-2 doctors depending on unit size, nurse, unit nurse manager, social worker, pharmacist and sometimes physical therapist. The main purpose is plan for the day and discharge planning. The rounding may last for 3-5 minutes per patient and can take up to 1-1.5 hrs depending on patient volume. However, rounding can become tedious because of lack of full information, missing personal, and constant searching of EHR's for relevant information.

PROJECT OBJECTIVES

To design an app for iPad to communicate relevant data fields between EPIC desktop, ACU rounding personal using this app and patients' bedside myChart.

SUCCESSFUL PROJECT

We propose a FHIR-enabled application that is capable of interfacing with a EPIC enabled EHR as well patients' bedside myChart. There should be ability to automatically populate between EPIC and the rounding app. Relevant data includes patient identifiers, pending tests, tests for the day, rehab placement search, Foley use, Central line placement and life span. Data can be in form of a task board with a simple user interface. There should be ability to add additional field lines.

Intellectual Property: Students will own any IP from this project.