
DIMITRI CASSIMATIS

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Required Skills:

(List skills needed) – To Be Discussed

Preferred Team Communications:

Conference Call, WebEx / GoToMeeting

Data Sources:

To Be discussed.

Other Items:

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

Team Info:

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

AUTOMATED INDEX CARDS FOR PATIENT ROUNDING

Many physicians create index cards (of various sizes, depending on the physician and their level of training), with patient data, as they round. These cards contain basic info such as name, medical record number, date of admission, past medical history, allergies, and medications. They also usually contain presenting complaint, and a problem list. This is typically on the front of the card. The flip side then contains daily updates with a daily set of vitals, labs, and to-do list. The concept of this project is to automate the creation of an index card for a patient.

PROJECT OBJECTIVES

Using this application, a physician or other healthcare provider could create and save their own "index card template" putting key data where they wish on the card layout, and the application would pull data and refresh/expand the card daily. The key objective is to do this accurately and in a way that would make this a useful tool to physicians/providers during their rounding. If too challenging to pull all the data on the front page - could allow MD's to free text portions of their own front page (chief complaint, past history, problem list), and the application would pull some data such as medications, labs and vitals.

Would need access to patient admission details, vital signs, labs, medications. At Emory University Hospital and Emory University Hospital Midtown, Cerner EMR is the key source for this. At Grady, it would be EPIC. I work within both of these systems.

SUCCESSFUL PROJECT

To Be Discussed

Intellectual Property: None