
BRENT FORSGREN

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Required Skills:

(List skills needed) – Java, HTML, JavaScript, Web Application, UI Design, Databases

Preferred Team Communications:

Conference Call, to be discussed

Data Sources:

Students can use public FHIR test servers for patients to add consultation data to. The Mentor will provide images of the paper forms that need to be converted to web pages..

Other Items:

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

Team Info:

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

Intellectual Property: None

WEB APP FOR ORAL SURGEONS TO USE TO CAPTURE CONSULTATION DATA

Produce a proof of concept application for an oral surgeon's office to show the benefits of using electronic records instead of paper. A small oral surgeon's office uses paper forms to capture consultation information for patients who may need oral surgery. There are three forms that must be converted to a digital format. The consultation data needs to be stored and retrieved from a FHIR database.

PROJECT OBJECTIVES

Develop a web application that can be used by surgeons and nurses to capture consultation information. The web application presents the consultation data/form in a format similar to the paper forms to make transitioning to the web application easy.

SUCCESSFUL PROJECT

Web application is aesthetically pleasing to the eyes.

Web consultation forms look similar to the paper forms.

Consultation data can be captured, stored and retrieved by physicians and nurses.
