
COURTNEY HART

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Required Skills:

no preference

Preferred Team

Communications:

Conference Call, to be discussed

Data Sources:

FHIR server data, any open source data the team wishes to use.

Other Items:

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

Team Info:

Developer(s),Project Manager,QA

UPRIGHT: TREATMENT SUPPORT FOR DEPRESSION

Antidepressant use is on the rise, and in many cases these drugs are prescribed by GPs. Primary care doctors (and other specialties, as well) are qualified to give such prescriptions, but may have limited specific training pertaining to the subtle differences in the drugs and protocols available, and often getting a patient on the right treatment for them requires significant follow up and adjustment over the course of weeks or months.

PROJECT OBJECTIVES

Your task is to design and build a webapp that helps doctors and patients better document and monitor their condition after being prescribed antidepressants. The app should have a simple "protocol building" function where providers can enter dosages and planned changes in dosage (which may be adjusted as things progress). Patients will be able to log in and document their own observations which will be logged and presented for review to providers when they login. Both types of users can see tracked progress. This project should involve some research into signs of progress/mood changes in patients with anxiety and depression. Patients should also be encouraged to include information on complementary treatments they may be working with, such as seeing a counselor for therapy or sustained changes in habits and/or lifestyle.

SUCCESSFUL PROJECT

To Be Discussed

Intellectual Property: None