
MEGAN HARRISON

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Required Skills:

no preference

Preferred Team

Communications:

consult mentor via Email

Data Sources:

EHR, Patients, Providers, Census Tract (neighborhood level information), and potentially other community data sources (transportation, food assets, crime reports (hot spots) etc.,).

Other Items:

Team Info:

Developer, Analyst, DBA, Tester,
Project Manager, UX Designer

EcoFHIR

About 50% of an individual's health is attributable to the social determinants of health (SDOH) whereas only 10% is influenced by healthcare. According to the World Health Organization (WHO), the SDOH are the conditions in which people are born, grow, work, live, and age. These circumstances are shaped by the distribution of money, power, and resources at global, national, and local levels. The SDOH are mostly responsible for health inequities - the unfair and avoidable differences in health status. Gaining a better understanding of the SDOH can not only impact the patient, but, also aid the provider in identifying upstream drivers for poor health outcomes. Ultimately, this information can transform care through the integration of services with community partnerships thereby moving the needle towards: (1) improved health outcomes, (2) patient satisfaction, and (3) lower healthcare costs.

PROJECT OBJECTIVES

1. SCREEN: The primary objective is to build a smart on FHIR application to capture the SDOH information from patients during their health system encounters that can be enabled and universally used regardless of the EHR vendor/platform.
2. ACTION: A stretch objective would be to enable electronic referrals to community assets to address the gaps/barriers identified by SDOH screening.

SUCCESSFUL PROJECT

To Be Discussed with mentor based on objectives above.

Intellectual Property: None