

---

## IDA SIM

---

[ida.sim@ucsf.edu](mailto:ida.sim@ucsf.edu)

---

### Required Skills:

no preference

### Preferred Team Communications:

to be discussed

### Data Sources:

Patients current medication list, can be from an EHR patient portal, or from Apple Health record. Current FDA drug recalls and specifics from FDA open APIs. FDA recall recommendations/reference info -- FDA SMART-on-FHIR widget from new FDA widget store

### Other Items:

### Team Info:

Developer, DBA, Tester, Project Manager

### Additional Mentors:

[simona.carini@ucsf.edu](mailto:simona.carini@ucsf.edu)

**Intellectual Property: None**

---

## DRUG RECALL NOTIFICATIONS

---

The FDA monitors pharmaceuticals. Not infrequently, there are recalls of prescription medications that require patients to get a new batch of pills or sometimes to switch to a new medication entirely. Currently, there is no good way for patients to know that a drug they are on has been recalled and that they need to do something about it. There is a lot of mis-communication among doctors, pharmacies, patients, and drug manufacturers. Recently, the FDA has released APIs for drug recalls and SMART-on-FHIR widgets to easily make drug recall information available to providers and the public.

---

### PROJECT OBJECTIVES

---

1. Design discovery of drug recall notification needs for patients on chronic medications 2. Build prototype mobile app or EHR patient portal app that meets patient-facing drug recall information needs

---

### SUCCESSFUL PROJECT

---

The FDA Healthy Citizen project is very interested in seeing their tools used for patient decision support. They will be available to answer questions and are seeking feedback on their APIs and widgets. Help make the FDAs tools more useful!

---