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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 Mentors would like an Eastern time zone team. Mentors and students will determine a good time for virtual meeting

**Team Info:**

Needs a Developer, DBA, Tester, Project Manager. Allows two teams of 4-6 members.

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PHARMACY REAL TIME BENEFIT CHECK THROUGH CLINICAL DECISION SUPPORT (CDS) HOOKS

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Electronic medical record vendors (i.e. Epic, Cerner, etc) are developing a standardize way to call an external service to return information in order to provide clinical decision support, utilizing HL7 FHIR and SMART. As summarized in the specifications here there are currently 3 types of “hooks” that trigger CDS events. Specifically OptumRx, a pharmacy benefit company owned by United Health Group, is interested in leveraging CDS hooks to display prescription drug pricing information at the point of electronic prescribing, as visualized in the diagram below.

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**PROJECT OBJECTIVES**

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This project will entail creating a prototype Epic App orchard based application, that will connect OptumRx with Epic regarding delivery of a drug’s pricing information as a result of a prescription drug ordering CDS hook event.

We would like to work with a team located within the Eastern time zone for this project as we will have FHIR SMEs in India supporting the students and we are able to better coordinate schedules for calls this way..

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**SUCCESSFUL PROJECT**

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To Be Discussed

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**Intellectual Property:** None