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## COURTNEY HART

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### Required Skills:

no preference

### Preferred Team

#### Communications:

Conference Call, to be discussed

### Data Sources:

FHIR server data, charge master data to be obtained from hospital websites

### 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

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## CHARGE MONSTER

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Recently, legislation has gone into effect that requires hospitals to make their fee information (or, Charge Masters) available. However, this data is lengthy, intimidating, and patients may have great difficulty relating it to the actual claims that were submitted on their behalf to insurers, and understanding how those data relate to their actual medical encounter. (<https://www.cnn.com/2019/01/07/health/hospital-prices-online-partner/index.html?no-st=1546869957>,). An example of one such charge master can be found here: <https://www.ucsfhealth.org/about/pricing-transparency/>. Part of the value of making this data available is to empower patients as consumers, especially for cases where patients have the freedom to "shop around". For instance, while you wouldn't be comparing prices on your emergency treatment of a stroke, you might be able to save a lot of money by comparing local hospitals for your elective knee replacement next year.

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## PROJECT OBJECTIVES

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You will develop a web app that compares treatment costs such that users can explore the app and see what the relative costs were for real (anonymized) data at different treatment locations. For instance, if you knew you needed a tonsillectomy you might look to see what claims centered on that procedure code (and perhaps related procedure codes) go for at different hospitals. You may reasonably limit use cases based on the data and time available.

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## SUCCESSFUL PROJECT

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users are able to enter a diagnosis and see simplified, easy to understand data on claims for individuals treated for similar things

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