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| --- | --- | --- | --- | --- |
| Product Backlog | Product Backlog (optional) | In Production | Pending Review | Done |
| As a Client, I want to search for procedures based on Cost  P:5 D:2 | As a Purchaser, I want to be able to have the database updated each year with the newest up to date Dataset.  P:4 D:2 | As a Client, I would like to be able to see facilities of the procedure on a map  P:5 D:4 | The database should contain data from the CMS medical Data set.  P:4 D:2 |  |
|  | As a Client, I want to be able to navigate through the application via a search-bar.  P:3 D:2 | As a Client, I want to access the search procedures in a clear and accessible manner.  P:2 D:3 | As a Client, I want to be able to enter my current location.  P:4 D:3 |  |
|  | As a Client, I want to be able to see the price of my procedure with, or without, health insurance.  P:1 D:1 | As a Client, I want to sort results by Ratings  P:3 D:1 | The database should contain queries for the different procedure searches.  P:4 D:3 |  |
|  | As a Client, I want to see a loading screen while the application is loading.  P:1 D:3 | As a Client, I want to search for procedures based on Ratings  P:3 D:2 | As a Client, I want to sort procedures by Distance of the facility  P:4 D:2 |  |
|  | As a Client, I want to be able to view a ranking system of all the hospitals.  P:1 D:4 | As a Client, I want to search for procedures based on Distance  P:5 D:3 | As a Client, I want to sort procedures by cost  P:4 D:1 |  |
|  | As a Client, I want to see recommendations of the highest ranked hospitals for a procedure.  P:1 D:5 |  | As a Client, I want to be able to enter a pre-determined location.  P:4 D:3 |  |

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| Technology being used |
| JSP, HTML & Tomcat |
| MySQL database |
| Google API |
| Medical data source: <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Medicare-Provider-Charge-Data/Inpatient> |
| Zip code location data <https://lite.ip2location.com/database/ip-country-region-city-latitude-longitude-zipcode-timezone> |