**Knowledge Discovery And Management :  
Project Preproposal**

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**Project Preproposal:**  Our Project Mainly deals with the disease data which can be entered by a patient and it can be searched in the disease database and its properties are displayed and the concerned physicians and the hospitals around his/her area can be displayed

**Project Goal and Objectives:**

The main goal of this project is to help the patient determine the concerned physician around his/her area who treats the disease. And give directions to the physician location. The OMIM api used in the project can be used by the patient and the doctor to know the information about the disease and the clinical synopsis of the disease.and also help the doctor with the machine learning techniques\* in order to diagnose the disease.   
 **Motivation :**

The Motivation behind the project is to provide the information of the disease and its symptoms along with doctors and hospital information that treats the disease. And also helps the doctor to get to know the statistics of the diseases and the infections being treated in different places in the united states and the measure outcomes that helps the doctor to take certain diagnostic measures to treat the disease.

**Significance :**

A person can find the physician information when he enters the disease and service which allows the user to enter the certain symptoms of the disease letting the physician analyze the symptoms given by the users input. The application can also retrieve certain information about the hospitals and the immunizations done in the hospitals along with the outcomes after the treatment of the disease.   
 **Objectives :** The objective of this project is to provide the information of diseases using the web api and the information retrieved from the web api’s is searched in health care data and the required information is retrieved.  **Datasets :**

<https://data.medicare.gov/Physician-Compare/National-Downloadable-File-Extended-View/3uxj-hea6>

<https://data.medicare.gov/data/medicare-s-helpful-contacts>

https://data.medicare.gov/data/home-health-compare

**System Features: Android**

Operating System : Android or IOS or native apps

GPS functionality

Internet

**Bibliography :**

[**http://omim.org/help/api**](http://omim.org/help/api)

[**http://www.cs.ox.ac.uk/people/jeremy.gibbons/publications/ml-se-hi.pdf**](http://www.cs.ox.ac.uk/people/jeremy.gibbons/publications/ml-se-hi.pdf) **http://www.intel.com/content/dam/www/public/us/en/documents/white-papers/bigger-data-better-healthcare-idc-insights-white-paper.pdf**