

Assignment Deliverables

1. A minimum viable product written in Python or Nodejs with any framework and database of your choice.
2. Put it on Github/Bitbucket and attach its link with your resume

Problem Statement

Given a medical symptom, list down the possible medical conditions/diagnosis and for any given diagnosis suggest various treatments.

Following APIs are required for the minimal viable product

1. API 1 : To fetch the symptoms
 - You can use [Apimedic](#)'s APIs to get the symptoms
2. API 2: For a given symptom provided by the above API, list down the medical conditions
 - Again, you can use [Apimedic](#)'s APIs here.
3. API 3: For a given medical condition/diagnosis
 - List down the treatment options like "Self-care", "Medications", "Medical Procedure", "Specialists"
 - You will get this information by scraping the web
 - Architect appropriate database and schema for storing the information.
 - Any subsequent call for the disease should fetch the data from the database itself.
4. API 4 (Bonus): to suggest me the nearest doctors whom I can visit given my location to them.
5. API 5 (Bonus): which takes a text like "I'm having a back pain", and extracts symptoms and based on those symptoms returns the medical conditions.

We are looking for:

- Good project layout/structure
- Clear README
- Clean, well-documented code

Extra points for:

- Unit tests

If you have questions related to the assignment deliverables, please drop an email to ravi.manik@innovaccer.com and we will try to reach you back ASAP.

