Plan:

1. Web scraping using ‘request’ and ‘BeautifulSoup’ libraries:
   * + Create application that would obtain Chiropractic, PT, Orthopedic data using Yelp.
     + Obtain fax numbers for major hospitals directly from their websites (Multicare, Franciscan Health System, Swedish Medical, Overlake, UW/Harborview Medical, etc.).
     + Create methods which would go to hospital’s website (release of information page) and check for any updates to their fax numbers (for most, but not all hospitals).
2. Analyzing excel files using ‘pandas’ library:
   * + Download excel file from data.medicare.gov website that contains list of all up-to-date hospitals in the US.
     + Download excel file from ChartSwap website (they manage healthcare information for most of the physicians in the US).
     + I will later generate my database from those files.
3. Analyzing Needles database:
   * + Since database is password protected, obtain provider’s information manually.
     + Create statistical information for most popular medical providers/facilities.
     + Create client-(to)-provider statistical information
4. Creating database