

**PA 3 readme**  
**CSCI.724.01 - Web Serv & Serv Oriented Comp**  
**Dhruv Sharma, [ds7042@g.rit.edu](mailto:ds7042@g.rit.edu)**

2. A readme file that describes how to install and test the query system.

We have the 4 data files provided ( apis , mashups , members and widgets)

Steps to run :

# Install the requirements:

```
pip3 install -r requirements.txt
```

# Configure the location of your MongoDB database or **use local database ( what i used for testing was the connection string : localhost:27017) :**

```
export
```

```
MONGODB_URL="mongodb+srv://<username>:<password>@<url>/<db>?retryWrites=true&w=majority"
```

# Start the service:

```
Python -m app
```

# run the parsing.py file

This will parse the files and store them in dictionaries and use the services from our app to populate the database ( local mongo by default)

# the index.html is served as a static file by our fastapi app

So just go to <http://localhost/static/index.html> , **this is where you will find the query system. make sure uvicorn app is still running**

3. The entire project packages for the system including the data storage and data query. Include all the related files such as source code files, script files, data files, configuration files, and etc. You can use any language you like. You can also develop two projects: one for parsing and loading data to mongoDB, one for web-based query system. Include all the related file for these two projects in this case

File in zipped submission