Technical Guide

- In our project, we have used selenium to do Dynamic web scraping. Hence the pre-requisite is to download the chrome driver as per your version from the below link: https://sites.google.com/a/chromium.org/chromedriver/downloads
- Copy the Downloaded file "Chrome.exe" into the Project directory.

Web Scraping and Command Line parser

- For Web scraping, the code is in the file "WebSracpping.py".
- For command Line Parse, you can execute the following commands:
    - Top rated movies in the world - search "Best Films".
    - Top rated Indian movies - search "Best Indian Films".
    - Top rated movies along with the links – search "Best Films Link".
    - Top rated Indian movies with links - search "Best Indian Films Link".
    - Full size poster of the best movie in the world – search "Film Poster".
    - Full size poster of the best Indian movie – search "Indian Film Poster".
    - Poster of all the movies in the list – search "Best Films Poster".
    - Poster of all Indian movies - search "Best Indian Films Poster".
    - Posters of most popular movies - search "Most Popular Movies".
    - **Best 250 movies with five parameters for CRUD Database – search "Movies with five details".** **(Execute this command in order to create a database for CRUD functionality)**
- We have created two different folders for Csv file and json file named "CSV" and "JSON".

Web Development

- To execute the code for Web Development, first you would need to create and activate Virtual environment.
- To Create virtual environment, use the set commands below:
    - 'pip install virtualenv'
    - 'pip install virtualenvwrapper-win'
    - 'mkvirtualenv AnyName'
    - Copy paste the project directory attached the mail inside the so new created virtual environment.
- Make sure 'requirments.txt' file attached in the mail is present in working directory, then, in order to import all the libraries required for our project execute the command: 'python -m pip install -r requirements.txt'.
- For Web development, start the execution from the file "python movie.py".
- Some Movies you could Search on our web App: "PK", "The Godfather", "The Dark Knight", "12 Angry Men", "Fight Club", "3 Idiots".