

CS483 Project Proposal Template

Team One

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1 Team Name

TEAM ONE

2 Members

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3 Database Schema

Movie(Name, Year_of_release, Description, Rating, Genre, IMDB_Url, Votes_Count)

The Data Set size is around 5,000 tuples.

```
schema = Schema(  
    Name = ID(stored=True),  
    Year_of_release = TEXT(stored=True),  
    Description = TEXT(stored=True),  
    Rating = TEXT(stored=True),  
    Genre = TEXT(stored=True),  
    IMDB_URL = TEXT(stored=True),  
    Votes_Count = TEXT(stored=True),  
)
```

4 Size of Database

5,000 tuples

5 Five examples of searches and the top 10 tuples returned for each

Example 1: Man

```
1 <Hit {Name: X-Men, Year: 2011, Rating: 7.1, Genre: Animation, Action, Sci-Fi, URL: http://www.imdb.com/title/tt2070571/?ref=adv_li_tt, Votes: 1,281}>
2 <Hit {Name: Dead Men, Year: 2018, Rating: 4.7, Genre: Action, Western, URL: http://www.imdb.com/title/tt2226440/?ref=adv_li_tt, Votes: 185}>
3 <Hit {Name: Spider-Man: Into the Spider-Verse, Year: 2018, Rating: NA, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt4633694/?ref=adv_li_tt, Votes: NA}>
4 <Hit {Name: Men at Work, Year: 1990, Rating: 5.9, Genre: Action, Comedy, Crime, URL: http://www.imdb.com/title/tt0100135/?ref=adv_li_tt, Votes: 20,505}>
5 <Hit {Name: X-Men: Apocalypse, Year: 2016, Rating: 7, Genre: Action, Adventure, Sci-Fi, URL: http://www.imdb.com/title/tt3385516/?ref=adv_li_tt, Votes: 332,516}>
6 <Hit {Name: X-Men: Evolution, Year: 2000-2003, Rating: 7.9, Genre: Animation, Action, Drama, URL: http://www.imdb.com/title/tt0247827/?ref=adv_li_tt, Votes: 8,655}>
7 <Hit {Name: Wolverine and the X-Men, Year: 2008-2009, Rating: 8.1, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt0772145/?ref=adv_li_tt, Votes: 8,801}>
8 <Hit {Name: The Man, Year: 2005, Rating: 5.6, Genre: Action, Comedy, Crime, URL: http://www.imdb.com/title/tt0399327/?ref=adv_li_tt, Votes: 23,392}>
9 <Hit {Name: Best Men, Year: 1997, Rating: 5.7, Genre: Action, Comedy, Crime, URL: http://www.imdb.com/title/tt0118702/?ref=adv_li_tt, Votes: 2,499}>
10 <Hit {Name: X-Men: Days of Future Past, Year: 2014, Rating: 8, Genre: Action, Adventure, Sci-Fi, URL: http://www.imdb.com/title/tt1877832/?ref=adv_li_tt, Votes: 597,591}>
11 Total results: 533
12
```

Example 2: Spider

```
1 <Hit {Name: Spider-Man: Into the Spider-Verse, Year: 2018, Rating: NA, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt4633694/?ref=adv_li_tt, Votes: NA}>
2 <Hit {Name: Spider-Man, Year: 2002, Rating: 7.3, Genre: Action, Adventure, Sci-Fi, URL: http://www.imdb.com/title/tt0145487/?ref=adv_li_tt, Votes: 618,677}>
3 <Hit {Name: The Amazing Spider-Man, Year: 2012, Rating: 7, Genre: Action, Adventure, Sci-Fi, URL: http://www.imdb.com/title/tt0948470/?ref=adv_li_tt, Votes: 509,279}>
4 <Hit {Name: Spider-Man, Year: 1994-1998, Rating: 8.3, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt0112175/?ref=adv_li_tt, Votes: 21,574}>
5 <Hit {Name: Spider-Man, Year: 2017, Rating: 6.3, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt6135682/?ref=adv_li_tt, Votes: 943}>
6 <Hit {Name: Spider-Man, Year: 2003, Rating: 7.1, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt0290983/?ref=adv_li_tt, Votes: 4,026}>
7 <Hit {Name: Ultimate Spider-Man, Year: 2012-2017, Rating: 7.2, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt1722512/?ref=adv_li_tt, Votes: 8,768}>
8 <Hit {Name: The Spectacular Spider-Man, Year: 2008-2009, Rating: 8.1, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt0976192/?ref=adv_li_tt, Votes: 8,352}>
9 <Hit {Name: The Amazing Spider-Man, Year: 1977-1979, Rating: 6.4, Genre: Action, Adventure, Crime, URL: http://www.imdb.com/title/tt0076975/?ref=adv_li_tt, Votes: 1,614}>
10 <Hit {Name: Spider-Man Unlimited, Year: 1999-2005, Rating: 6.5, Genre: Action, Family, Adventure, URL: http://www.imdb.com/title/tt0207120/?ref=adv_li_tt, Votes: 2,093}>
11 Total results: 27
12
```

Example 3: Rain

```
1 <Hit {Name: Rain, Year: , Rating: NA, Genre: Action, Thriller, URL: http://www.imdb.com/title/tt3969420/?ref=adv_li_tt, Votes: NA}>
2 <Hit {Name: Black Rain, Year: 1989, Rating: 6.6, Genre: Action, Crime, Thriller, URL: http://www.imdb.com/title/tt0096933/?ref=adv_li_tt, Votes: 44,190}>
3 <Hit {Name: Steel Rain, Year: 2017, Rating: 7.1, Genre: Action, URL: http://www.imdb.com/title/tt6769508/?ref=adv_li_tt, Votes: 2,018}>
4 <Hit {Name: Hard Rain, Year: 1998, Rating: 5.8, Genre: Action, Crime, Drama, URL: http://www.imdb.com/title/tt0120696/?ref=adv_li_tt, Votes: 29,648}>
5 <Hit {Name: Ink & Rain, Year: 2018, Rating: NA, Genre: Action, Drama, Fantasy, URL: http://www.imdb.com/title/tt6498818/?ref=adv_li_tt, Votes: NA}>
6 <Hit {Name: Wolf's Rain, Year: 2003-2004, Rating: 8.1, Genre: Action, Sci-Fi, Animation, URL: http://www.imdb.com/title/tt0367439/?ref=adv_li_tt, Votes: 6,462}>
7 <Hit {Name: Sharknado 2: The Second One, Year: 2014, Rating: 4.1, Genre: Action, Adventure, Comedy, URL: http://www.imdb.com/title/tt3062074/?ref=adv_li_tt, Votes: 16,054}>
8 <Hit {Name: The Emerald Forest, Year: 1985, Rating: 6.9, Genre: Action, Adventure, Drama, URL: http://www.imdb.com/title/tt0089087/?ref=adv_li_tt, Votes: 8,353}>
9 <Hit {Name: Solarbabies, Year: 1986, Rating: 4.8, Genre: Action, Adventure, Drama, URL: http://www.imdb.com/title/tt0091981/?ref=adv_li_tt, Votes: 3,562}>
10 <Hit {Name: Fire on the Amazon, Year: 1993, Rating: 3.5, Genre: Action, Adventure, Drama, URL: http://www.imdb.com/title/tt0106913/?ref=adv_li_tt, Votes: 2,261}>
11 Total results: 11
12
```

Example 4: Dark

```
1 <Hit {Name: The Dark Tower, Year: , Rating: NA, Genre: Action, Adventure, Fantasy, URL: http://www.imdb.com/title/tt7215646/?ref=adv_li_tt, Votes: NA}>
2 <Hit {Name: Dark Web, Year: 2016, Rating: 3.8, Genre: Action, Thriller, URL: http://www.imdb.com/title/tt5247042/?ref=adv_li_tt, Votes: 787}>
3 <Hit {Name: Dark Phoenix, Year: 2019, Rating: NA, Genre: Action, Adventure, Sci-Fi, URL: http://www.imdb.com/title/tt6565702/?ref=adv_li_tt, Votes: NA}>
4 <Hit {Name: The Dark Knight, Year: 2008, Rating: 9, Genre: Action, Crime, Drama, URL: http://www.imdb.com/title/tt0468569/?ref=adv_li_tt, Votes: 1,976,131}>
5 <Hit {Name: Thor: The Dark World, Year: 2013, Rating: 7, Genre: Action, Adventure, Fantasy, URL: http://www.imdb.com/title/tt1981115/?ref=adv_li_tt, Votes: 504,873}>
6 <Hit {Name: The Dark Tower, Year: 2017, Rating: 5.7, Genre: Action, Adventure, Fantasy, URL: http://www.imdb.com/title/tt1648190/?ref=adv_li_tt, Votes: 98,455}>
7 <Hit {Name: Power Rangers, Year: 2015, Rating: 7.8, Genre: Short, Action, Sci-Fi, URL: http://www.imdb.com/title/tt4475970/?ref=adv_li_tt, Votes: 2,896}>
8 <Hit {Name: Power Rangers in Space, Year: 1998-1999, Rating: 7.3, Genre: Action, Adventure, Family, URL: http://www.imdb.com/title/tt0120575/?ref=adv_li_tt, Votes: 2,228}>
9 <Hit {Name: Rigor Mortis, Year: 2013, Rating: 6.3, Genre: Action, Horror, URL: http://www.imdb.com/title/tt2771800/?ref=adv_li_tt, Votes: 4,851}>
10 <Hit {Name: Hansel & Gretel: Witch Hunters 2, Year: , Rating: NA, Genre: Action, Fantasy, URL: http://www.imdb.com/title/tt2784082/?ref=adv_li_tt, Votes: NA}>
11 Total results: 92
12
```

Example 5: Hero

```
<Hit {Name: DC Super Hero Girls, Year: 2015, Rating: 6.2, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt5582302/?ref=adv_li_tt, Votes: 366}>
<Hit {Name: OK K.O.! Let's Be Heroes, Year: 2017, Rating: 7.5, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt6965802/?ref=adv_li_tt, Votes: 899}>
<Hit {Name: Boku no Hero Academia, Year: 2016, Rating: 8.4, Genre: Animation, Action, Comedy, URL: http://www.imdb.com/title/tt5626028/?ref=adv_li_tt, Votes: 12,082}>
<Hit {Name: Big Hero 6, Year: 2014, Rating: 7.8, Genre: Animation, Action, Adventure, URL: http://www.imdb.com/title/tt2245084/?ref=adv_li_tt, Votes: 348,319}>
<Hit {Name: Hero and the Terror, Year: 1988, Rating: 5.2, Genre: Action, Crime, Drama, URL: http://www.imdb.com/title/tt0095296/?ref=adv_li_tt, Votes: 2,897}>
<Hit {Name: I'm Gonna Git You Sucka, Year: 1988, Rating: 6.6, Genre: Action, Comedy, Crime, URL: http://www.imdb.com/title/tt0095348/?ref=adv_li_tt, Votes: 11,063}>
<Hit {Name: Too Late the Hero, Year: 1970, Rating: 6.8, Genre: Action, War, Drama, URL: http://www.imdb.com/title/tt0066471/?ref=adv_li_tt, Votes: 2,930}>
<Hit {Name: Untitled The Flash Film, Year: 2020, Rating: NA, Genre: Action, Adventure, Fantasy, URL: http://www.imdb.com/title/tt0439572/?ref=adv_li_tt, Votes: NA}>
<Hit {Name: Guardians, Year: 2017, Rating: 4, Genre: Action, Sci-Fi, URL: http://www.imdb.com/title/tt4600952/?ref=adv_li_tt, Votes: 9,003}>
<Hit {Name: BeetleBorgs, Year: 1996-1998, Rating: 6.4, Genre: Action, Adventure, Comedy, URL: http://www.imdb.com/title/tt0115674/?ref=adv_li_tt, Votes: 971}>
Total results: 131
```