

Pass Task 8

Pigeon Table

Total Movie Casted

Search: ☒ Exact Match Search By:

Exclude: Exclude By:

No. of row:

Fullname	gender	DOB	Country	TotalCast
Emily Blunt	F	1983-02-23	England	3











Movie Rating Table

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

Insert

RATINGCODE	SHORTDESC	LONGDESC	Edit/ Delete
G	GENERAL	Suitable for all ages	 
M	MATURE (15+)	Recommended for mature audiences 15 years and over	 
MA	MATURE ACCOMPANIED (15+)	Persons under 15 years must be accompanied by a mature adult	 
PG	PARENTAL GUIDANCE	Parental guidance recommended for persons under 15 years	 
R	RESTRICTED (18+)	Restricted to mature adults 18 years and over	 

Movie Colour Coding

Insert

No. of row:

COLOURCODE

COLOURNAME

Edit/ Delete

Activate Windows
Go to Settings to activate Windows.

Figure 1: Search using Exact Match

Total Movie Casted

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

Fullname	gender	DOB	Country	TotalCast
Aaron Himelstein	M	1985-10-10	USA	3
Adam DeVine	M	1983-11-07	Unknown	3
Albert Finney	M	1936-05-09	England	3
Alfonso Freeman	M	1959-09-13	Unknown	3
Alfred Molina	M	1953-05-24	England	3
Allen Covert	M	1964-10-13	USA	3
Allison Janney	F	1959-11-19	USA	3
Amanda Seyfried	F	1985-12-03	USA	3
Andie MacDowell	F	1958-04-21	USA	3
Andrew Garfield	M	1983-08-20	USA	3











Movie Rating Table

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

Insert

RATINGCODE	SHORTDESC	LONGDESC	Edit/ Delete
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Movie Colour Coding

Insert

No. of row:

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COLOURNAME

Edit/ Delete

Activate Windows
Go to Settings to activate Windows.

Figure 2: Excluding Amy Adams

Total Movie Casted

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

Fullname	gender	DOB	Country	TotalCast
Cate Blanchett	F	1969-05-14	Australia	8
Chris Hemsworth	M	1983-08-11	Australia	7
David Wenham	M	1965-09-21	Australia	4
Hugh Jackman	M	1968-10-12	Australia	5
Liam Hemsworth	M	1990-01-13	Australia	4
Toni Collette	F	1972-11-01	Australia	5
Arnold Schwarzenegger	M	1947-07-30	Austria	4
Audrey Hepburn	F	1929-05-04	Belgium	3
Rodrigo Santoro	M	1975-08-22	Brazil	3
Carrie-Anne Moss	F	1967-08-21	Canada	4

Movie Rating Table

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

Insert

RATINGCODE	SHORTDESC	LONGDESC	Edit/ Delete
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Movie Colour Coding

No. of row:

Insert

COLOURCODE

COLOURNAME

Edit/ Delete

Figure 3: Sorting by Country

Total Movie Casted

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

Fullname	gender	DOB	Country	TotalCast
Airben Bajraktaraj	M	1983-01-29	Unknown	3
Armie Hammer	M	1986-08-28	USA	3
Arnold Schwarzenegger	M	1947-07-30	Austria	4
Aubrey Plaza	F	1984-06-26	USA	3
Audrey Hepburn	F	1929-05-04	Belgium	3
Ben Affleck	M	1972-08-15	USA	5
Ben Stiller	M	1965-11-30	USA	11
Ben Whishaw	M	1980-10-14	England	3
Benedict Cumberbatch	M	1976-07-19	England	3
Benicio del Toro	M	1967-02-19	Puerto Rico	3

Movie Rating Table

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

Insert

RATINGCODE	SHORTDESC	LONGDESC	Edit/ Delete
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Movie Colour Coding

No. of row:

Insert

COLOURCODE

COLOURNAME

Edit/ Delete

Figure 4: Using the Pagination Feature

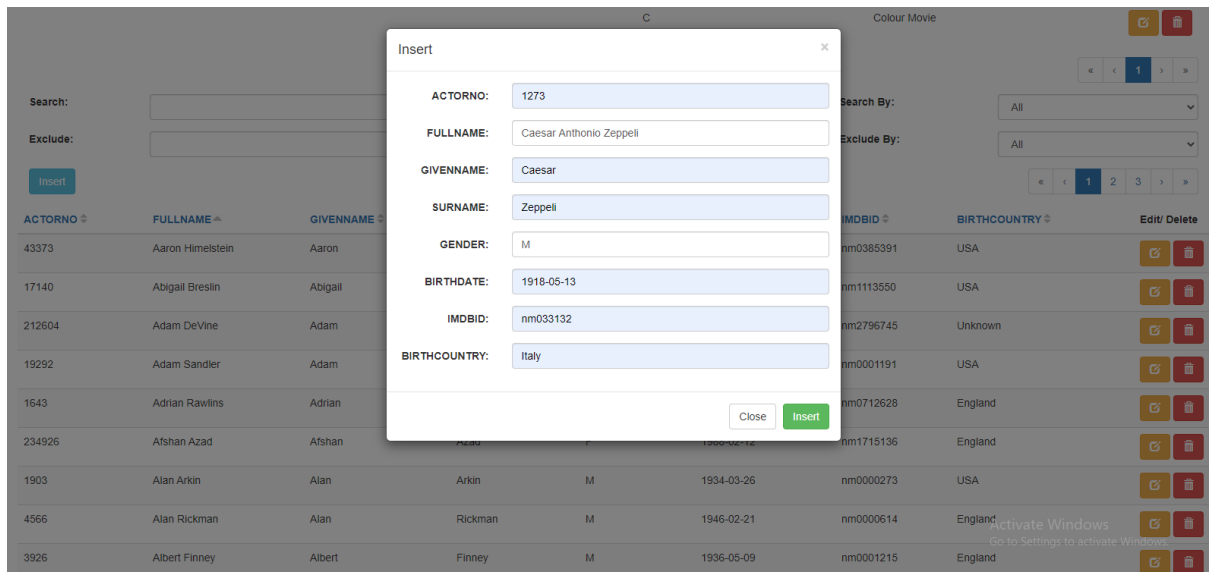


Figure 5: Inserting data into table

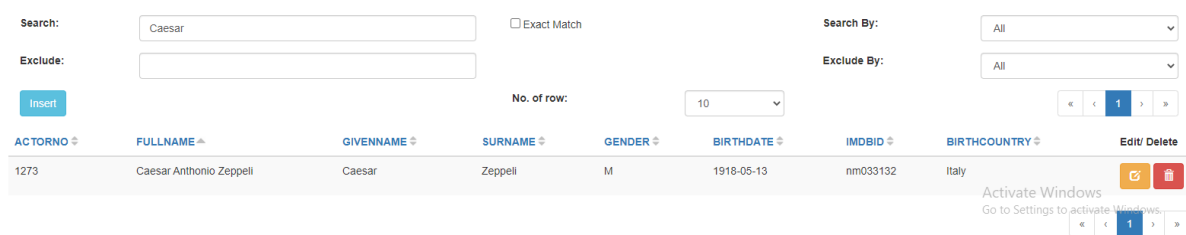


Figure 6: Caesar is there

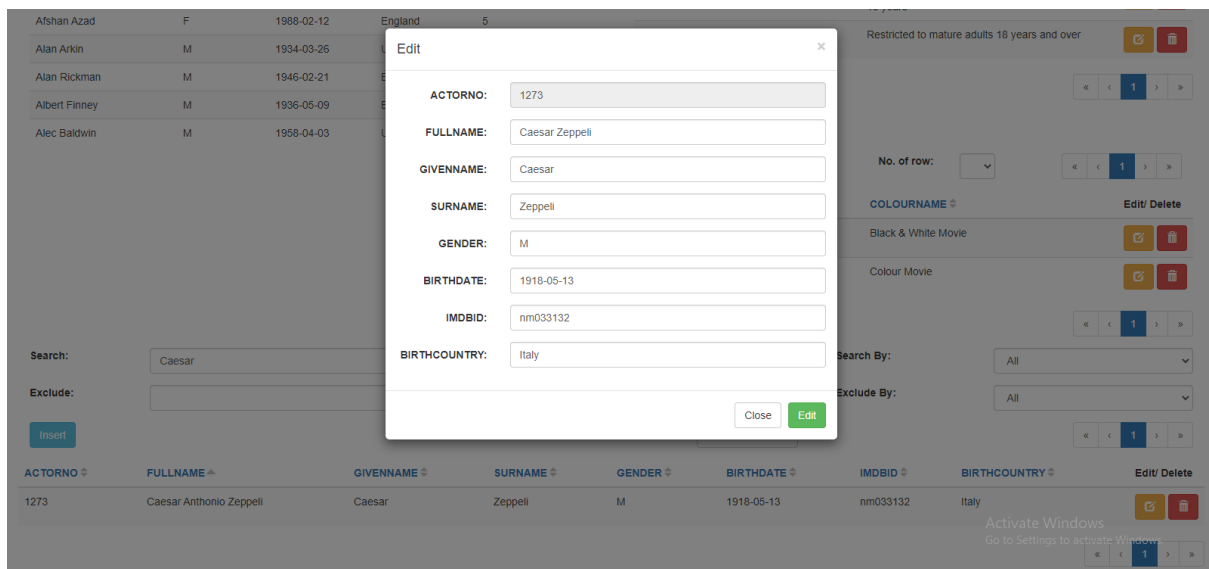


Figure 7: Editing data in table

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

ACTORNO	FULLNAME	GIVENNAME	SURNAME	GENDER	BIRTHDATE	IMDBID	BIRTHCOUNTRY	Edit/ Delete
1273	Caesar Zeppeli	Caesar	Zeppeli	M	1918-05-13	nm033132	Italy	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Activate Windows
Go to Settings to activate Windows.

Figure 8: Caesar changed his name!

Afshan Azad F 1988-02-12 England 5

Alan Arkin M 1934-03-26

Alan Rickman M 1946-02-21

Albert Finney M 1936-05-09

Alec Baldwin M 1958-04-03

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

ACTORNO	FULLNAME	GIVENNAME	SURNAME	GENDER	BIRTHDATE	IMDBID	BIRTHCOUNTRY	Edit/ Delete
1273	Caesar Zeppeli	Caesar	Zeppeli	M	1918-05-13	nm033132	Italy	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Activate Windows
Go to Settings to activate Windows.

Delete

Are you sure you want to delete?

ACTORNO

1273

FULLNAME

Caesar Zeppeli

GIVENNAME

Caesar

SURNAME

Zeppeli

GENDER

M

BIRTHDATE

1918-05-13

IMDBID

nm033132

BIRTHCOUNTRY

Italy

Close

Delete

Figure 9: Deleting data in table

Search: ☐ Exact Match Search By:

Exclude: Exclude By:

No. of row:

ACTORNO	FULLNAME	GIVENNAME	SURNAME	GENDER	BIRTHDATE	IMDBID	BIRTHCOUNTRY	Edit/ Delete
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Activate Windows
Go to Settings to activate Windows.

Figure 10: CAAAAAAEEEEEESSSSSSAAAAAAARRRRRRRRR!!!!!!!!

Pigeon Chart

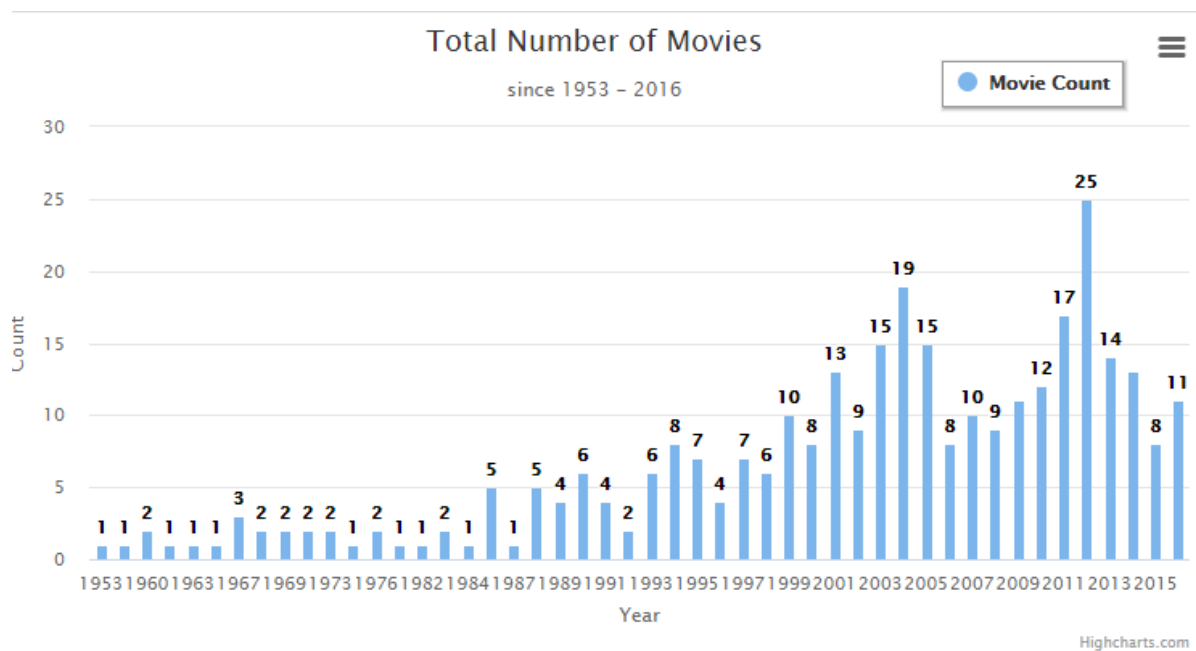


Figure 11: Basic bar char with normal elements

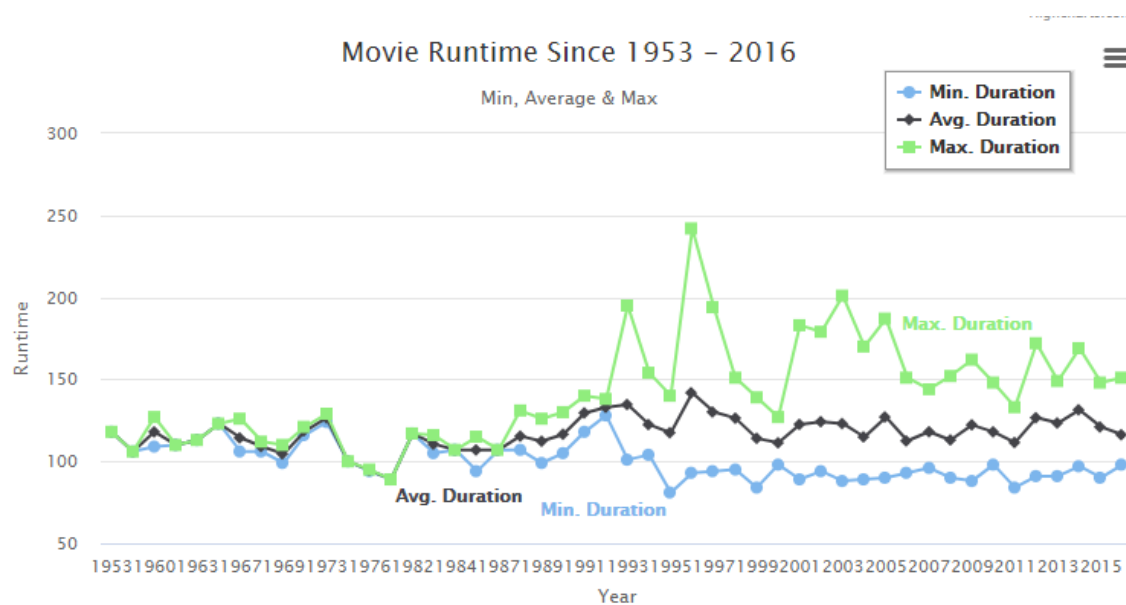


Figure 12: Multi-series line chart

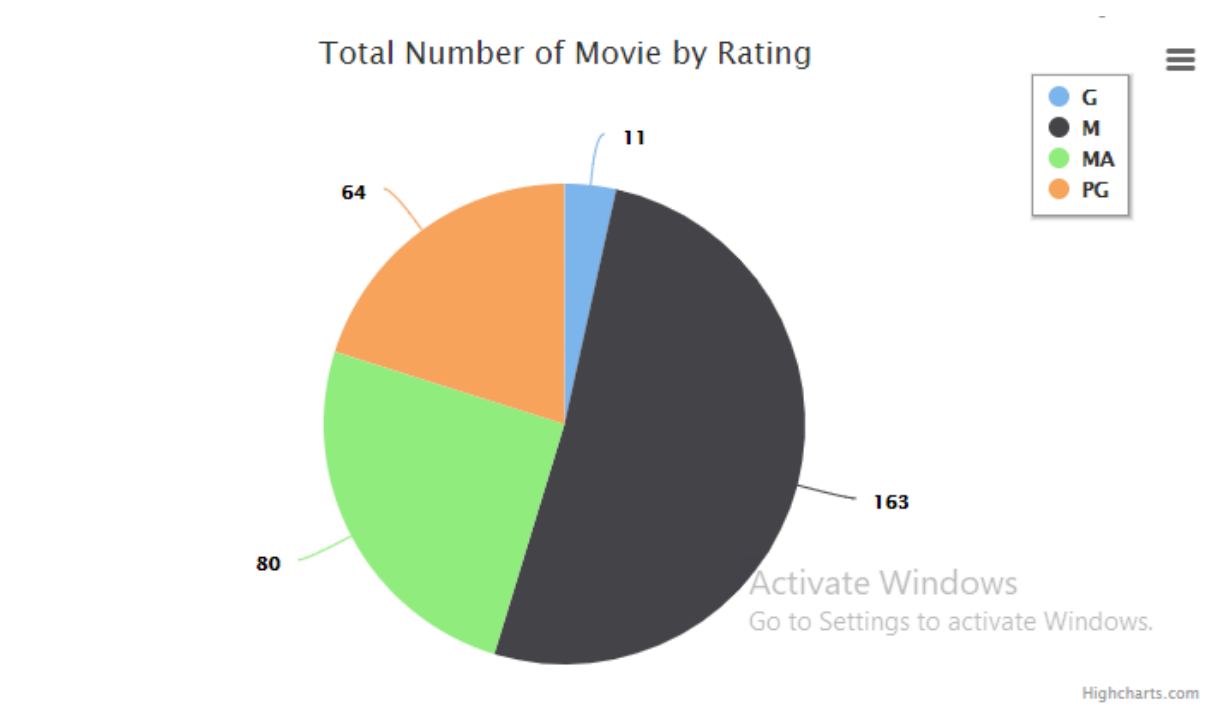


Figure 13: Pie chart

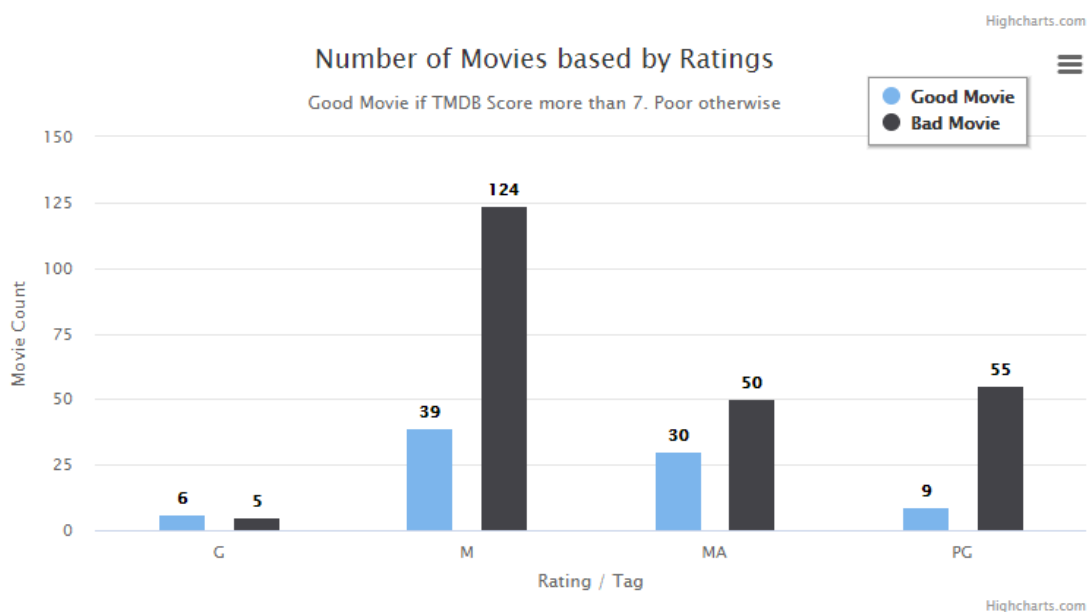


Figure 14: Comparison bar chart

Feedback

In my opinion, this framework is nice. Using this framework can allow a web developer to easily visualise data from databases into tables or charts. One can create a table with options to insert, edit, or delete data from a table by just adding an attribute when creating the pigeon table. In other words, one doesn't have to manually add button elements and link them to a script or action that manipulates data in the database. One can also retrieve data from the database by using SQL queries directly in the pigeon table element, which is amazing. For charts, it is also the same case with using queries. One can also visualise data and set their respective chart elements like legends or titles in the pigeon chart itself. This makes things easier for web developers who want to visualise data on a web page.

However, there is a thing that I'm concerned about, which is does this framework support other types of querying languages other than SQL? There are many querying languages out there, and even though SQL is used by a vast majority of web developers, it would be nice to know that this framework also supports other querying languages as well.