Database Analysis & Design
INF10002

Task 1 – Pass Submission

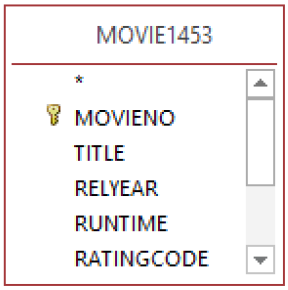
Student Number: 104071453
Student Name: Marco Giacoppo

Pass 1a

- Reusability: once you create a query, you can save it for future use.
- Efficient Data Retrieval: queries are optimized for retrieving data from databases.
- Ease of Maintenance: if there is a need to modify the filtering conditions or add additional criteria, it can be done centrally in the query design.

Pass 1b

T1PB_1453



Field:	MOVIENO	TITLE	RATINGCODE	RELYEAR	RUNTIME
Table:	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453
Sort:					Descending
Show:	☑	☑	☑	☑	☑
Criteria:				2009	
or:					

MOVIE1453 | T1PB_1453

MOVIENO	TITLE	RATINGCODE	RELYEAR	RUNTIME
19995	Avatar	M	2009	162
767	Harry Potter and the Half-Blood Prince	PG	2009	153
13448	Angels & Demons	M	2009	138
7980	The Lovely Bones	M	2009	136
10528	Sherlock Holmes	M	2009	128

Pass 1c

T1PB_1453 | T1PC_1453

MOVIE1453
- *
- MOVIENO
- TITLE
- RELYEAR
- RUNTIME
- RATINGCODE

Field:	MOVIENO	TITLE	RATINGCODE	RELYEAR	RUNTIME	TMDB_SCORE
Table:	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453
Sort:	Ascending					
Show:	☑	☑	☑	☑	☑	☑
Criteria:			"G" Or "PG"	Between 2002 And 2010	<120	>=6.9
or:						

MOVIE1453 | T1PB_1453 | T1PC_1453

MOVIENO	TITLE	RATINGCODE	RELYEAR	RUNTIME	TMDB_SCORE
118	Charlie and the Chocolate Factory	PG	2005	115	6.9
773	Little Miss Sunshine	PG	2006	102	7.6
1584	School of Rock	PG	2003	110	6.9
7326	Juno	PG	2007	96	7
9502	Kung Fu Panda	PG	2008	90	7
10193	Toy Story 3	G	2010	103	7.7
10625	Mean Girls	PG	2004	97	7.1
11631	Mamma Mia!	PG	2008	108	6.9
22538	Scott Pilgrim vs. the World	PG	2010	112	7.3

Pass 1d

MOVIE1453 | T1PB_1453 | T1PC_1453 | T1PD_1453

MOVIENO	TITLE	RELYEAR	RUNTIME	RATINGCODE	COLOUR	TMDB_SCORE	TMDB_VOTES	IMDB_ID
414	Batman Forever	1995	121	M	C	5.3	2551	tt0112462
415	Batman & Robin	1997	125	M	C	4.2	2465	tt0118688
8844	Jumanji	1995	104	PG	C	7	2361	tt0113497
8699	Anchorman: The Legend of Ron Burgundy	2004	95	M	C	6.8	2214	tt0357413
1493	Miss Congeniality	2000	111	M	C	6.4	1776	tt0212346
512200	Jumanji: The Next Level	2019	98	PG	C	7.3	1671	tt7975244
816	Austin Powers: International Man of Mystery	1997	94	M	C	6.5	1613	tt0118655
314	Catwoman	2004	104	PG	C	4.4	1570	tt0327554
245	About a Boy	2002	101	M	C	6.6	1084	tt0276751
804	Roman Holiday	1953	119	PG	B	7.9	848	tt0046250
8963	Crimson Tide	1995	116	M	C	7.1	759	tt0112740
2067	Mission to Mars	2000	114	PG	C	5.9	601	tt0183523
403	Driving Miss Daisy	1989	99	PG	C	7.2	588	tt0097239
398978	The Irishman	2019	209	MA	C	8.6	452	tt1302006

T1PB_1453 | T1PC_1453 | T1PD_1453

MOVIE1453
- *
- MOVIENO
- TITLE
- RELYEAR
- RUNTIME
- RATINGCODE

Field:	MOVIENO	TITLE	RELYEAR	RUNTIME	RATINGCODE	COLOURCODE	TMDB_SCORE	TMDB_VOTES	IMDB_ID
Table:	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453
Sort:								Descending	
Show:	☑	☑	☑	☑	☑	☑	☑	☑	☑
Criteria:		Like "*man*" Or Like "*boy*" Or Like "*miss*" Or Like "*girl*" Or Like "*ms*"						<2700	
or:									

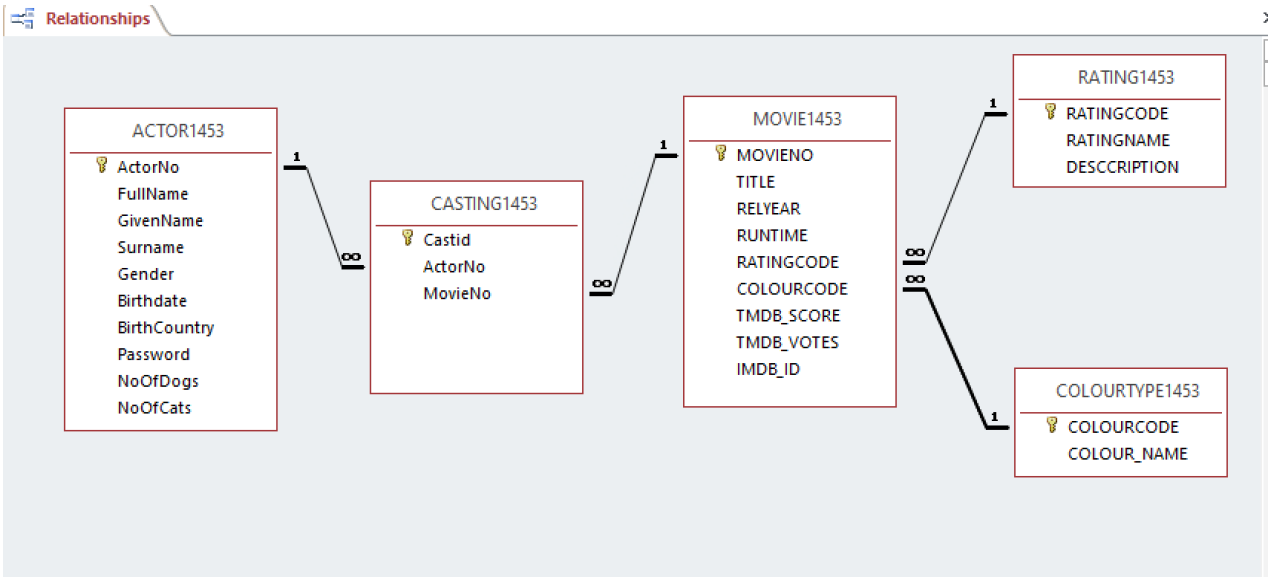
Pass 1e

T1PB_1453 | T1PC_1453 | T1PD_1453 | Member_1453

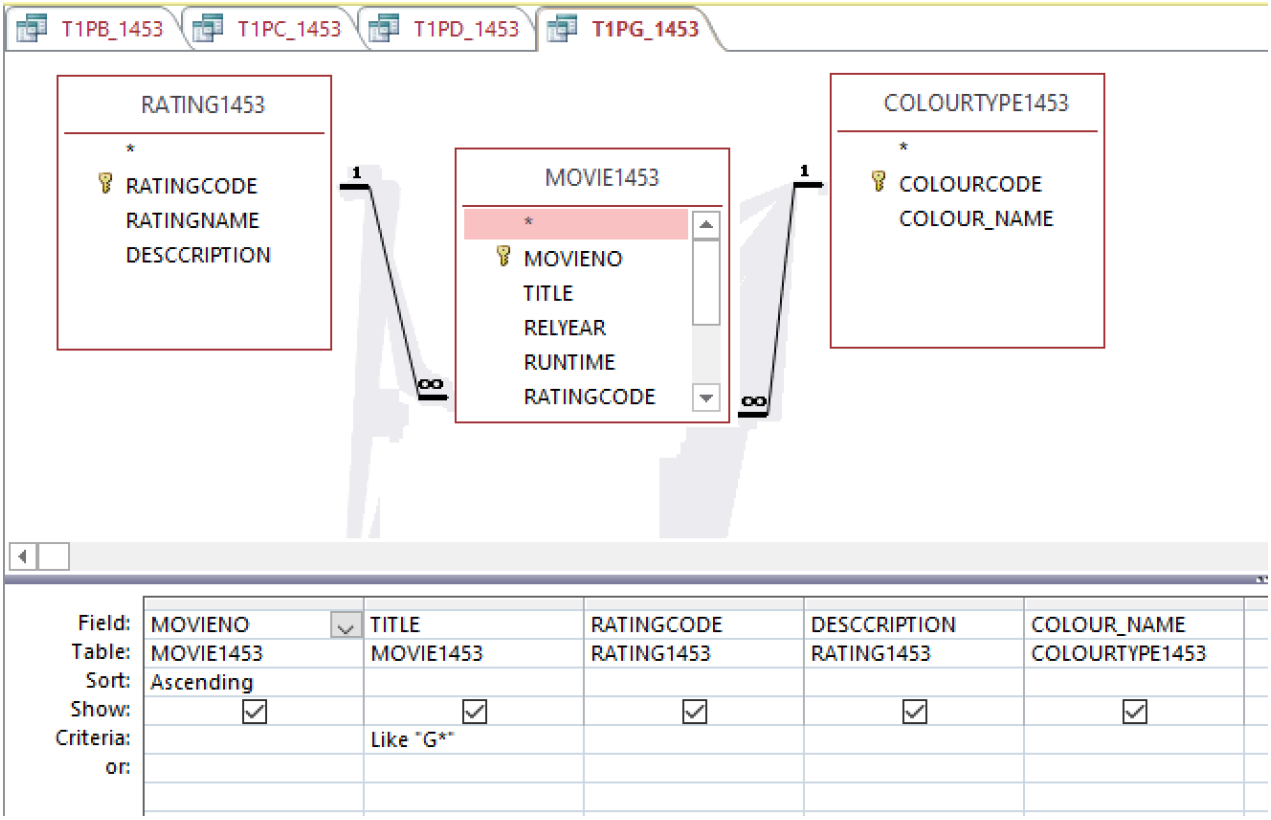
Membid	Surname	Givenname	Birthdate
1	Bloggs	Fred	05/06/1997
2	Sue	Davies	13/04/2001
3	Emma	Pitt	23/08/1992
4	Onfroy	Jahseh	23/01/1998
5	Giacoppo	Marco	07/05/2002

Field Name	Data Type
Membid	Number
Surname	Short Text
Givenname	Short Text
Birthdate	Date/Time

Pass 1f



Pass 1g



Relationships | T1PG_1453 | COLOURTYPE1453

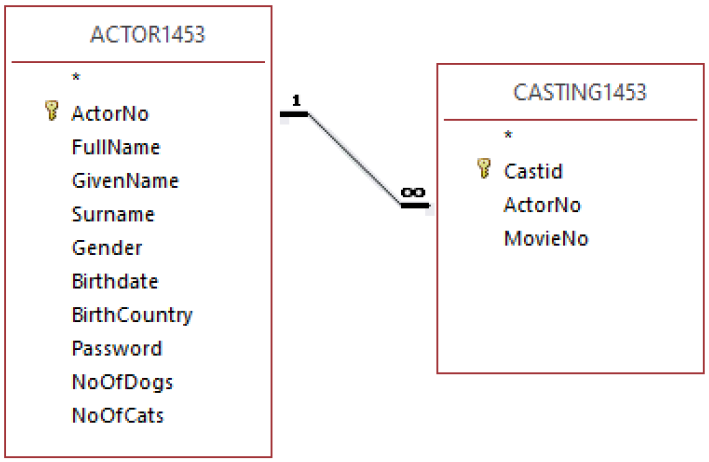
MOVIENO	TITLE	RATINGCOD	DESCCRIPTION	COLOUR_NAM
98	Gladiator	M	Persons under 15 years must be accompanied by a mature adult	Colour movie
137	Groundhog Day	PG	Recommended for mature audiences 15 years and over	Colour movie
489	Good Will Hunting	M	Persons under 15 years must be accompanied by a mature adult	Colour movie
620	Ghostbusters	PG	Recommended for mature audiences 15 years and over	Colour movie
11520	Grumpy Old Men	PG	Recommended for mature audiences 15 years and over	Colour movie
11665	Get Smart	PG	Recommended for mature audiences 15 years and over	Colour movie
12157	Green Card	PG	Recommended for mature audiences 15 years and over	Colour movie
43074	Ghostbusters	PG	Recommended for mature audiences 15 years and over	Colour movie
45772	Gnomeo & Juliet	G	Suitable for all ages	Colour movie
49047	Gravity	PG	Recommended for mature audiences 15 years and over	Colour movie
118340	Guardians of the Galaxy	PG	Recommended for mature audiences 15 years and over	Colour movie
210577	Gone Girl	MA	Parental guidance recommended for persons under 15 years	Colour movie
283995	Guardians of the Galaxy Vol. 2	PG	Recommended for mature audiences 15 years and over	Colour movie
353070	Going in Style	PG	Recommended for mature audiences 15 years and over	Colour movie
445571	Game Night	M	Persons under 15 years must be accompanied by a mature adult	Colour movie

Pass 1h

Relationships | T1PG_1453 | T1PH_1453

ActorNo	FullName	CountOfCas
7624	Stan Lee	19
51329	Bradley Cooper	15
2231	Samuel L. Jackson	14
1283	Helena Bonham Carter	13
3895	Michael Caine	13
1892	Matt Damon	13
62	Bruce Willis	12
9281	Elizabeth Banks	12
192	Morgan Freeman	12
287	Brad Pitt	12
1532	Bill Murray	12
477	Julie Walters	12
1331	Hugo Weaving	12
74568	Chris Hemsworth	11
70851	Jack Black	11

T1PB_1453 | T1PC_1453 | T1PD_1453 | T1PG_1453 | T1PH_1453



Field:	ActorNo	FullName	Castid	
Table:	ACTOR1453	ACTOR1453	CASTING1453	
Total:	Group By	Group By	Count	
Sort:			Descending	
Show:	☑	☑	☑	☐
Criteria:				
or:				

Pass 1i

Relationships | T1PG_1453 | T1PH_1453 | T1Pi_1453

Gender	Total
F	224
M	602

T1PB_1453 | T1PC_1453 | T1PD_1453 | T1PG_1453 | T1PH_1453 | T1Pi_1453

ACTOR1453

- *
- ActorNo
- FullName
- GivenName
- Surname
- Gender
- Birthdate
- BirthCountry
- Password
- NoOfDogs
- NoOfCats

Field:	Gender	Total: ActorNo			
Table:	ACTOR1453	ACTOR1453			
Total:	Group By	Count			
Sort:					
Show:	☑	☑	☐	☐	
Criteria:					
or:					

Pass 1j

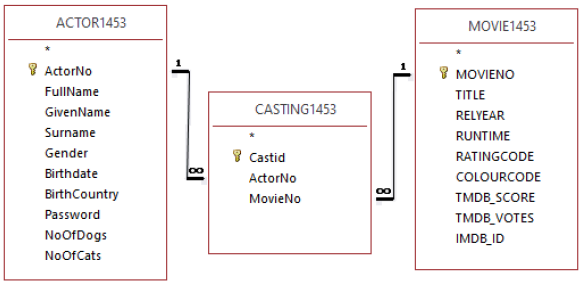
General | Lookup

Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length	Yes
Indexed	Yes (Duplicates OK)
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Text Align	General

An
tl

Pass 1k

T1PK_1453



Field:	Castid	MOVIENO	TITLE	RELYEAR	RATINGCODE	ActorNo	FullName	Birthdate	BirthCountry
Table:	CASTING1453	MOVIE1453	MOVIE1453	MOVIE1453	MOVIE1453	ACTOR1453	ACTOR1453	ACTOR1453	ACTOR1453
Sort:									
Show:	☑	☑	☑	☑	☑	☑	☑	☑	☑
Criteria:		1040714							
or:									

CASTING1453 | ACTOR1453 | MOVIE1453 | T1PK_1453

Castid	MOVIENO	TITLE	RELYEAR	RA	ActorNo	FullName	Birthdate	Birtl
3323	1040714	The Creator of Life	2024	PG	104071453	Marco Giacoppo	07/05/2002	IDN
3324	1040714	The Creator of Life	2024	PG	31	Tom Hanks	09/07/1956	USA
3325	1040714	The Creator of Life	2024	PG	103	Mark Ruffalo	22/11/1967	USA
(New)								