At least 4 features' description, their corresponding query template, sampled queries, and expected output:

1. Searching for movies based on movie attributes
   - Title, Genre, rating (ex. 4 star and above), sort by start year (ex. Released at given year or after)

   - Query through **TITLE** templates:
     ```
     SELECT * FROM media WHERE originTitle = GIVEN_TITLE
     ```
   - Sample queries:
     ```
     SELECT * FROM media WHERE originTitle = "Titanic"
     ```
   - Expected Output:

	titleID	originalTitle	genre	startYear	rating	numVotes
▶	ttc	Titanic	Romance	1997-03-03	9.3	14384

   - Query through **GENRE** templates:
     ```
     SELECT * FROM media WHERE genre = GIVEN_GENRE
     ```
   - Sample queries:
     ```
     SELECT * FROM media WHERE genre = "Drama"
     ```
   - Expected Output:

	titleID	originalTitle	genre	startYear	rating	numVotes
▶	tgf	The Godfather	Drama	1972-05-16	9.5	11998
	tsr	The Shawshank Redemption	Drama	1994-06-07	9.8	17789

   - Query through **RATING** templates:
     ```
     SELECT * FROM media WHERE rating >= GIVEN_RATING
     ```
   - Sample queries:
     ```
     SELECT * FROM media WHERE rating >= 8.0
     ```
   - Expected Output:

	titleID	originalTitle	genre	startYear	rating	numVotes
▶	gww	Gone With the Wind	Romance	1939-11-01	9.8	10923
	tdk	The Dark Knight	Action	2008-10-19	8.7	20912
	tgf	The Godfather	Drama	1972-05-16	9.5	11998
	tsr	The Shawshank Redemption	Drama	1994-06-07	9.8	17789
	ttc	Titanic	Romance	1997-03-03	9.3	14384

   - Query through **STARTYEAR** templates:
     ```
     SELECT * FROM media WHERE YEAR(startYear) >= GIVEN_YEAR
     ORDER BY startYear DESC
     ```
   - Sample queries:
     ```
     SELECT * FROM media WHERE YEAR(startYear) >= 1997
     ORDER BY startYear DESC
     ```

- Expected Output:

titleID	originalTitle	genre	startYear	rating	numVotes
tdk	The Dark Knight	Action	2008-10-19	8.7	20912
ttc	Titanic	Romance	1997-03-03	9.3	14384

2. Modify the list of movies
   - Edit fields or delete

   - **EDIT** Query templates:
     ```
     UPDATE Collection SET notes = GIVEN_INFO WHERE
     collectionID = GIVEN_ID
     ```
   - Sample queries:
     ```
     UPDATE Collection SET notes = "Not too bad" WHERE
     collectionID = "c0"
     ```
   - Before Update

collectionID	notes	isWatched	rating
c0	Pretty good	1	8.9
c1	Good	1	7.6

   - Expected Output after Update

collectionID	notes	isWatched	rating
c0	Not too bad	1	8.9
c1	Good	1	7.6

   - **DELETE** Query templates:
     ```
     DELETE FROM Collection WHERE collectionID = GIVEN_ID
     ```
   - Sample queries:
     ```
     DELETE FROM Collection WHERE collectionID = "c1"
     ```
   - Before Update

collectionID	notes	isWatched	rating
c0	Not too bad	1	8.9
c1	Good	1	7.6

   - Expected Output after Update

collectionID	notes	isWatched	rating
c0	Not too bad	1	8.9

3. Movie recommendations based on currently viewed movie
   - Query templates:

```
SELECT * FROM media WHERE genre = GIVEN_VIEWED_GENRE AND
rating >= 8.5 AND titleID <> GIVEN_VIEWED_ID
```
- Sample queries:
```
SELECT * FROM media WHERE genre = "Romance" AND rating >=
8.5 AND titleID <> "ttc"
```
- Expected Output:

titleID	originalTitle	genre	startYear	rating	numVotes
gww	Gone With the Wind	Romance	1939-11-01	9.8	10923

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4. View who worked on a movie and their other films
   - Query templates:
```
SELECT * FROM Crew
     NATURAL JOIN Produced
     NATURAL JOIN Media
     WHERE crewID IN
     (SELECT crewID FROM Produced WHERE titleID =
     GIVEN_TITLE_ID)

SELECT * FROM Role
     NATURAL JOIN PlaysIn
     NATURAL JOIN Media
     WHERE roleID IN
     (SELECT roleID FROM PlaysIn WHERE titleID =
     GIVEN_TITLE_ID)
```
   - Sample queries:
```
SELECT * FROM Crew
     NATURAL JOIN Produced
     NATURAL JOIN Media
     WHERE crewID IN
     (SELECT crewID FROM Produced WHERE titleID = "tgf")

SELECT * FROM Role
     NATURAL JOIN PlaysIn
     NATURAL JOIN Media
     WHERE roleID IN
     (SELECT roleID FROM PlaysIn WHERE titleID = "tgf")
```

   - Expected Output:

titleID	crewID	name	role	originalTitle	genre	startYear	rating	numVotes
tgf	ffc	Francis Ford Coppola	Director	The Godfather	Drama	1972-05-16	9.5	11998

titleID	roleID	name	characterName	originalTitle	genre	startYear	rating	numVotes
tgf	2	Al Pacino	Michael Corleone	The Godfather	Drama	1972-05-16	9.5	11998
tgf	3	Marlon Brando	Vito Corleone	The Godfather	Drama	1972-05-16	9.5	11998