Movie/TV Show Database Application

Fabiola Pineda

Annisa Fahira
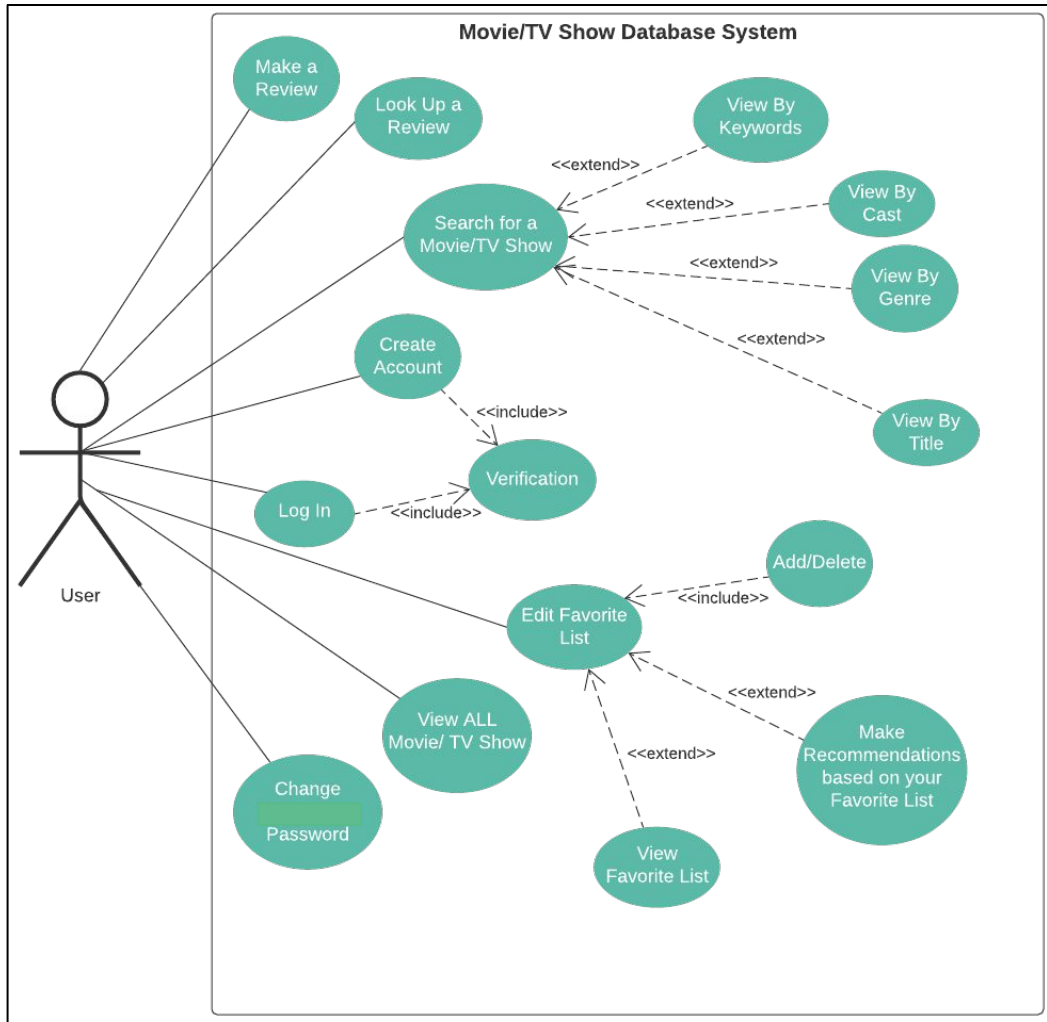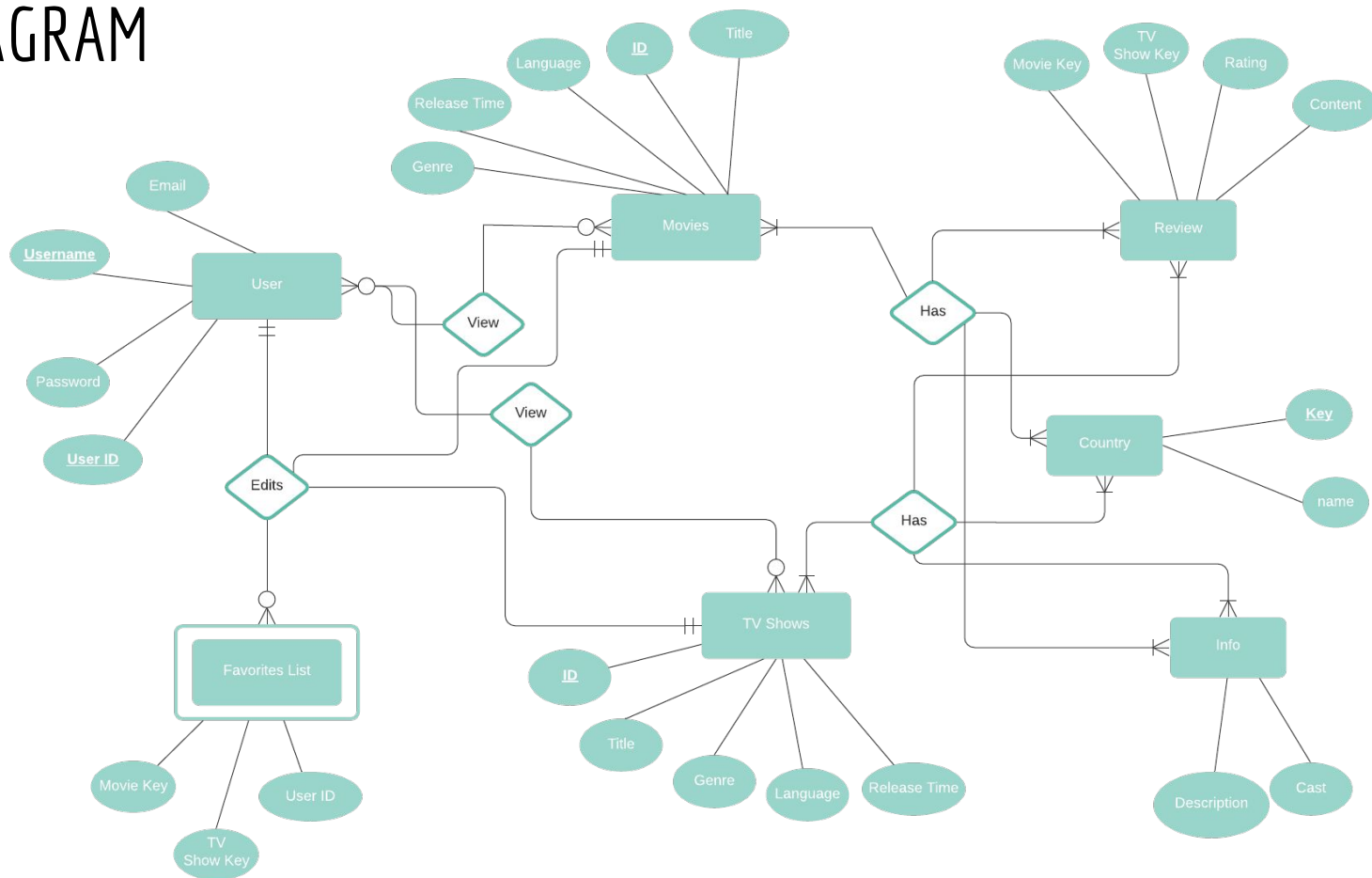
LANGUAGE & ENVIRONMENT

SQLITE3 & PYTHON

- It can generate dynamic page content
- Allow us to add, delete, and modify data in our database
- Has a variety of open-source libraries
- Built our whole structure with Python
    - Used Modules such as Pretty Table to organize our table display

USE-CASE DIAGRAM

E/R DIAGRAM

Relational Schema

User		
PK	u_userid	UNSIGNED INT
PK	u_name	VARCHAR(20)
	u_password	VARCHAR(45)
	u_email	VARCHAR(45)

FavoriteList		
FK	f_userid	UNSIGNED INT
FK	f_moviekey	UNSIGNED INT
FK	f_showkey	UNSIGNED INT

Country		
PK	c_countrykey	UNSIGNED INT
	c_name	VARCHAR(20)

Movie		
FK	m_countrykey	UNSIGNED INT
PK	m_moviekey	UNSIGNED INT
	m_title	VARCHAR(50)
	m_genre	VARCHAR(50)
	m_releasetime	DATETIME
	m_language	VARCHAR(50)

TV Shows		
FK	t_countrykey	UNSIGNED INT
PK	t_showkey	UNSIGNED INT
	t_title	VARCHAR(50)
	t_genre	VARCHAR(50)
	t_releasetime	DATETIME
	t_language	VARCHAR(50)
	t_seasonkey	UNSIGNED INT

Info		
FK	g_key	UNSIGNED INT
	g_cast	VARCHAR(50)
	g_description	VARCHAR(100)

Review		
FK	r_moviekey	UNSIGNED INT
FK	r_showkey	UNSIGNED INT
	r_review	VARCHAR(100)
	r_rating	UNSIGNED INT