**Collaboration and Teamwork Project**

**Identifying Entities and Attributes in an Online Database**

**Introduction**

This project involves exploring an online database to identify its entities and attributes. The task includes analyzing a database, such as IMDb (Internet Movie Database) or the European Route of Historic Theatres (ERHT.eu), to determine the types of information stored and the relationships among entities.

Selected Database: IMDb (Internet Movie Database)

**Entities and Attributes**

**The following entities and attributes were identified in the IMDb database:**

- Movies: Title, Release Year, Genre, Director, Actors, Duration, Rating.

- Actors: Name, Date of Birth, Nationality, Filmography.

- Directors: Name, Nationality, Films Directed.

- Genres: Genre Name, Description.

**Entity Relationships**

**The relationships among entities in the IMDb database can be summarized as follows:**

- Movies and Actors: A movie can have multiple actors, and an actor can appear in multiple movies.

- Movies and Directors: A movie can have one or more directors, and a director can work on multiple movies.

- Movies and Genres: A movie can belong to multiple genres, and a genre can include multiple movies.

**Diagram of Entity Relationships**

**A diagram can be created to visually represent these relationships. The key connections include:**

- Movies to Actors: Many-to-Many relationship via a Cast table.

- Movies to Directors: One-to-Many relationship.

- Movies to Genres: Many-to-Many relationship.

Tools for Organization and Presentation

To organize and present the findings, the following tools can be used:

- Google Docs: For collaborative documentation.

- Google Drive: For storing files and resources.

- Google Sites or Google Slides: For creating and delivering the presentation.