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COS 457 Database Systems

Database Systems Project Part 2: Search Functionalities

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# Character

* Search by: ID and/or name (character)
* Returns: Character data (ID, full name), Person data (based on Plays relation), Transcript data (based on Says relation), Episode data (based on Says in relation)

# 

# Person

* Search by: ID, name (person), and/or job title
* Returns: Person data (ID, full name, job title), Episode data (based on Works On relation)

# 

# Episode

* Search by: title, season, episode number, ID, and/or air date
* Returns: Episode data (ID, episode number, season, title, description, original air date, number of US viewers), Transcript (based on Has relation), Viewers (based on Views relation)

# 

# Transcript

* Search by: episode, character, and/or dialogue length
* Returns: Transcript data (line ID, dialogue), Character (based on Says relation)

# 

# Viewers

* Search by: Rating, amount of votes, and/or viewers
* Returns: Viewers data (ID, rating, amount of votes, viewers), Episode data (based on Views relation)