

Assignment 3: Ontology Development

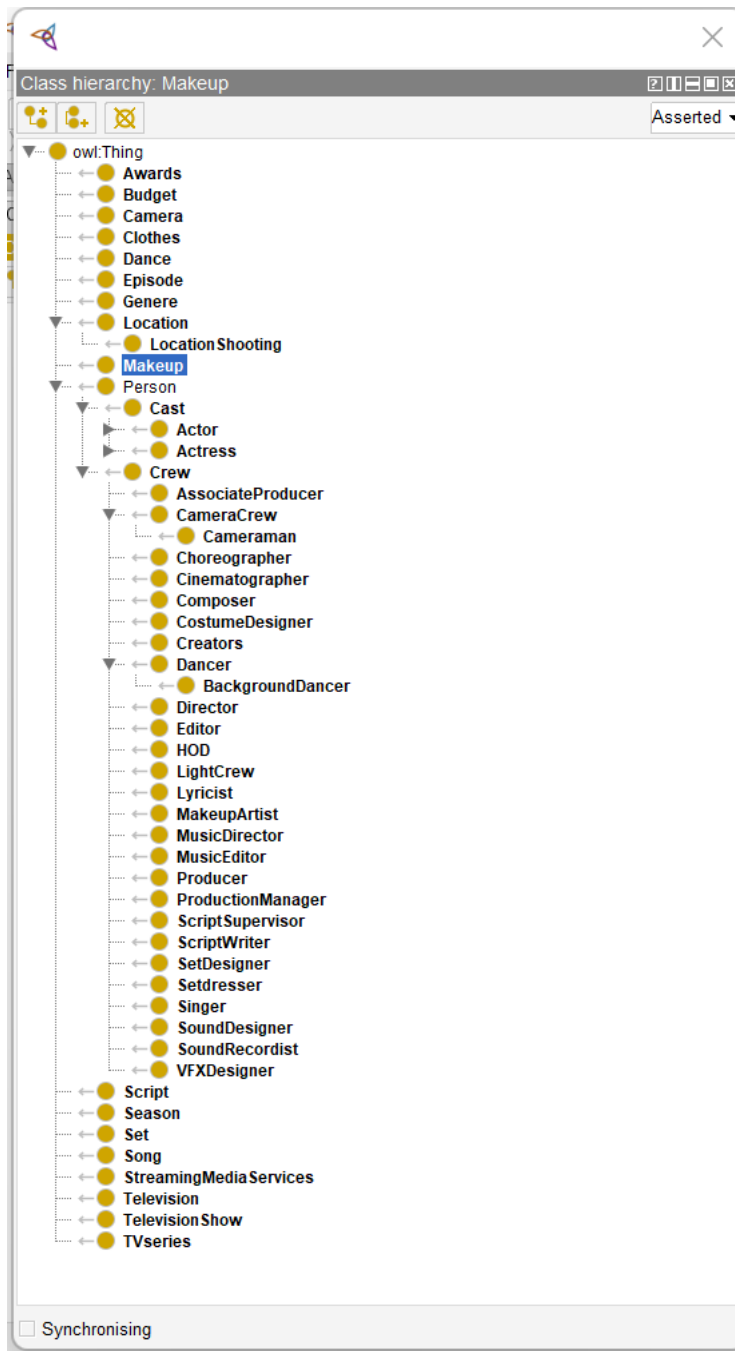
Group 12

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Domain: **TV series**

Tools: **For this assignment we have used Protege-5.5.0**

Classes: Following are the classes we have defined.



Description

- **Awards:** The film award is a cinematic award. it can be awarded in several categories
- **Genre :** a particular type or style of TV series
- **Television :** Television is a telecommunication medium used for transmitting moving images .
- **TVSeries:** TV series is any content produced for viewing on a television or internet
- **Televisionshow :** A television show is any content produced for viewing on a television set which can be broadcast via over-the-air, satellite, or cable, excluding breaking news, advertisements, or trailers that are typically placed between shows.
- **StreamingMediaServices:** A television show is any content produced for viewing on a television set which can be broadcast via over-the-air, satellite, or cable, excluding breaking news, advertisements, or trailers that are typically placed between shows.
- **Episode :** An episode of a series that is distributed as part of a TVseries or on streaming.
- **Season:** A collection of episodes aired within a certain time frame that comprise a segment of the show's overall run
- **Script :**It's a structure of whole TVseries, with complete plots ,characters and tone of the TVseries.
- **Camera:** A video camera
- **Awards:** The film award is a cinematic award. it can be awarded in several categories
- **Makeup:** Makeup helps even out skin tones for the camera and add realism in screen
- **Song:** List of songs
- **Clothes:** Clothing elements worn by actors in film
- **Location:** Place where shooting is done
Subclass:
LocationShooting: Outdoor location of shooting
- **Crew :** Everyone who works behind the camera and are an essential part of the TVseries
Subclass:
 1. **Creators:**The program creator is the person who pitches a new TV show idea and sees it through.
 2. **Director:**A director controls a film's artistic and dramatic aspects and visualizes the screenplay (or script) while guiding the crew and actors in the fulfilment of that vision.
 3. **Budget :**determines how much money will be spent on the entire film
 4. **Editor:** Person who puts together the videos as they come in from the set
 5. **Producer:** Person(s) who aids in the development, planning, execution, and marketing of a feature film.

6. **CameraCrew**: camera crew is responsible for setting up and using the camera.
7. **ScriptWriter**: screen writers write and develop screenplays for film
8. **SetDesigner**: Person who decorates set
9. **ScriptSupervisor**: Person who is a member of a film crew who oversees the continuity of the motion picture including wardrobe, props, set dressing, hair, makeup and the actions of the actors during a scene.
10. **Lyricist**: Person who write the lyrics for a song
11. **MusicEditor**: Person who intensify the emotional impact of a film by creating the soundtrack
12. **VFXDesigner** : Person who design the visual effects
13. **Dancer** Person who performs on a song
Subclass :
BackgroundDancer: Person who dance in background of lead actors
14. **Composer**: Person who writes the score which is the sum of all the original music going into a film.
15. **HOD**: Head of department
16. **LightCrew** : Person who set up, rig, program, monitor, repair, and operate lighting equipment to enhance events and performances
17. **CostumeDesigner**: Person who is in charge of designing the clothing elements worn by actors in a film
18. **MakeupArtist** : Person who devise and apply the theatrical makeup.

- **Cast**: Person who is casted to be an actor or actress

Subclass:

1. **Actor**: Male actors of the TVseries.

Subclass:

- **LeadActor** :The main actor(s) of the TVseries on which the story is centered
- **DebutantActor**: Actor how appears first time in tv

2. **Actress**: Female actors of the TVseries

Sub Classes:

- **LeadActress** :The main actress(s) of the TVseries on which the story is centered
- **DebutantActress**: Actress how appears first time in tv

Object Properties :



Property	Domain - Range
ConsistsOf	TVseries- Season Season-Episodes
acts	TVseries - Cast
Streamed	Televisionshow – Television, StreamingMediaServices
finalize	Producer - Script
hires	(Producer ,Director) – (Writer,Actor,Producer,CameraCrew, ScriptWriter,SetDesigner,ScriptSupervisor, Lyricist,MusicEditor ,VFXDesigner,Dancer,Composer,LightCrew,
manages	Producer - Budget,
directs	Director - Cast
reviews	Director - Editor
manipulates	Camerman - Camera
capturesVisual	Camerman – Script
writes	ScriptWriter - Script
teaches	Choreographer - Dance

learns	(Actor ,Dancer,Actress)- (Dance)
composes	Composer - Music
edits	MusicEditor - Song, MusicEditor - Music, VFXDesigner – VFX
sings	Singer - Song
performs	Cast - Song
hasWon	Cast - Award, Director - Award
hasNominated	Cast - Nomination
hasActed	Actor - TVseries
wears	(Cast ,Crew)- Clothes
applies	MakeupArtist - Makeup
designs	CostumeDesigner - Clothes
decorates	SetDesigner - Set,

Individuals:

Individuals: Vijay_Vikram_Singh:

◆

◆

◆ Action

◆ Amazon_Prime

◆ Asian_Academy_Creative_Awards

◆ Comedy

◆ Dada_Saheb_Phalke_Film_Festival

◆ Dega_Jaan

◆ familyman_story

◆ Fiction

◆ Ketan_Sodha

◆ Krish_Khatri

◆ Krishna_D.K

◆ Manoj_Bajpayee

◆ Monica_Balsara

◆ Naseer_Khan:

◆ Netflix

◆ Nigam_Bomzan

◆ Priyamani

◆ Raj_Nidimoru

◆ Sachin_Sanghvi

◆ Sachin-Jigar

◆ Sajid_Khan

◆ Sharib_Hashmi

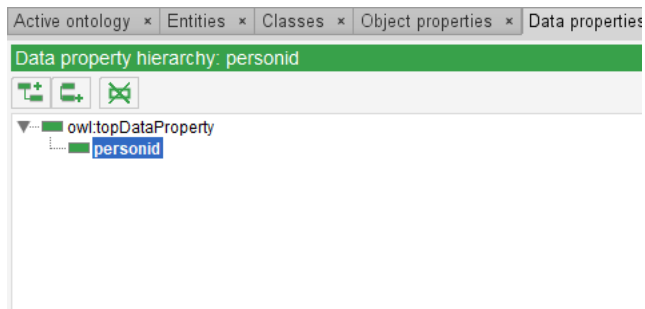
◆ spy_thriller

◆ Sumeet_Kotian

◆ The_Family_Man

◆ Vijay_Vikram_Singh:

Data Properties:



PersonId: Every person has unique id associated

Domain : Person