**Assignment 1: Ontology Design**

**Group 12**

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**Team Members:**

Domain**: TV series**

**Design choice:** Below are the most important concepts and roles that we have identified in a TV series domain.

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| Concept | Description |
| Genre | a particular type or style of TV series |
| Television | Television is a [telecommunication](https://en.wikipedia.org/wiki/Telecommunication) [medium](https://en.wikipedia.org/wiki/Media_(communication)) used for [transmitting](https://en.wikipedia.org/wiki/Transmitting) moving [images](https://en.wikipedia.org/wiki/Image) . |
| Televisionshow | A television show  is any content produced for viewing on a [television set](https://en.wikipedia.org/wiki/Television_set) which can be broadcast via [over-the-air](https://en.wikipedia.org/wiki/Terrestrial_television), [satellite](https://en.wikipedia.org/wiki/Satellite_television), or [cable](https://en.wikipedia.org/wiki/Cable_television), excluding [breaking news](https://en.wikipedia.org/wiki/Breaking_news), [advertisements](https://en.wikipedia.org/wiki/Television_advertisement), or [trailers](https://en.wikipedia.org/wiki/Trailer_(promotion)) that are typically placed between shows. |
| StreamingMediaServices | Media service that provides streaming over the internet |
| 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. |
| Creators | the program creator is the person who pitches a new TV show idea and sees it through. |
| 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. |
| Editor | Person who puts together the videos as they come in from the set |
| Cast | Person who is casted to be an actor or actress |
| Crew | Everyone who works behind the  camera and are an essential  part of the TVseries |
| Actor | Male actors of the TVseries |
| Actress | Female actors of the TVseries |
| LeadActor | The main actor(s) of the TVseries  on which the story story is  centered |
| LeadActress | The main actress(es) of the  TVseries on which the story story  is centered |
| Producer | Person(s) who aids in the  development, planning,  execution, and marketing of a  feature film. |
| CameraCrew | camera crew is responsible for  setting up and using the  camera. |
| Camera | A video camera |
| Script | It's a structure of whole  TVseries, with complete plots,  characters and tone of the  TVseries. |
| ScriptWriter | Screenwriters write and develop  screenplays for film |
| 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. |
| ProductionTeam | A production team is the group  of technical staff who produce  a film |
| Lyricist | Person who write the lyrics for  a song |
| Music | Person works on Songs, sound  effects, and background music. |
| MusicEditor | Person who intensify the  emotional impact of a film by  creating the soundtrack |
| Composer | Person who writes the score,  which is the sum of all the  original music going into a  film. |
| Song | List of songs |
| Singer | Person who sings a song |
| Dance | A dance performance |
| Dancer | Person who performs on a song |
| BackgroundDancer | Person who dance in background  of lead actors |
| Budget | determines how much money will  be spent on the entire film |
| Finance | Person who is responsible for  Financial activities |
| HOD | Head of department |
| LightCrew | Person who set up, rig,  program, monitor, repair, and  operate lighting equipment to  enhance events and performances |
| Awards | The film award is a cinematic  award. it can be awarded in  several categories. |
| AwardWinner | Person who has won an award |
| Nomination | Person who has nominated for  some award category |
| VFXDesigner | Person who design the visual  effects |
| Critic | Person responsible for viewing,  taking notes and analysing the  acting, plot development,  writing, directing, editing and  cinematography of films |
| Review | Feedback of people about the  TVseries |
| Location | Place where shooting is done |
| LocationShooting | Outdoor location of shooting |
| Makeup | Makeup helps even out skin  tones for the camera and adds  realism.  screen |
| MakeupArtist | Person who devise and apply the  theatrical makeup. |
| CostumeDesigner | Person who is in charge of  designing the clothing elements  worn by actors in a film |
| Clothes | Clothing elements worn by  actors in film |
| SetDesigner | Person who decorates set |

**Roles:**

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| --- | --- |
| **Roles** | **Domain - Range** |
| ConsistsOf | TVseries- Season  Season-Episodes |
| acts | TVseries - Cast |
| Streamed | Televisionshow – Television  Televisionshow  - StreamingMediaServices |
| finalize | Producer - Script |
| hires | Producer - Director,  Producer - Writer,  Producer - Script,  Producer - LeadActor,  Producer – LeadActress  Producer - Cast,  Producer - Crew,  Director - Cast |
| manages | Producer - Budget,  Producer - ProductionTeam,  Producer - Finance |
| directs | Director - Cast,  Director - Cameraman,  Cameraman - CameraCrew,  Cameraman - LightCrew |
| reviews | Director - Editor |
| manipulates | Cameraman - Camera |
| capturesVisual | Cameraman – Script |
| writes | ScriptWriter - Script,  ScreenWriter - Screen,  ScreenWriter - Summary,  Lyricist - Song,  Critic – Review |
| teaches | Choreographer - Dance |
| learns | Actor - Dance,  Actress - Dance,  BackgroudDancer - 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 - Clothes,  Cast - Makeup |
| applies | MakeupArtist - Makeup |
| designs | CostumeDesigner - Clothes |
| decorates | SetDesigner - Set,  Director – Set |

**ABox:**