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# **Software Requirements Specification**

**for**

**Clone of**

**Shortfilmwindow.com**

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# **1. Introduction**

## **1.1 Purpose**

*The product is a web based short film database with a window for short film enthusiasts containing a list of short-films, directors etc. Users can search for films, languages and genres.*

## **1.2 Document Conventions**

*There is no special document conventions that is followed everything is as displayed.*

## **1.3 Intended Audience and Reading Suggestions**

*This srs is meant for the inspectors here to view and evaluate the project.*

## **1.4 Product Scope**

*The web based short film database with a window for short film is a software designed at making the database of short-films more organized, in other words, keeping track of the movies and directors of short films.*

Project is stored at: <https://github.com/sk1124/ajencytask.git>

## 2. Overall Description

### 2.1 Product Functions

*The following functions are allowed :*

- Filtering based on Genre and Language
- Sorting in ascending and descending order based on Freshness, Length and Popularity
- Pagination
- Searching for short-films based on Title
- Individual movie with display of different attributes

### 2.2 User Classes and Characteristics

*The various user classes possible will be short film enthusiasts, it can also be for the admin since he will be having access to the database.*

### 2.3 Operating Environment

*The software will operate on any basic server client system. The hardware requirements would be a server to host the program and a database that uses SQL , with its own database management system. The device (desktop,laptop,phone etc ) needs to be connected to the server. And the user device needs to have a web browser.*

### 2.4 Design and Implementation Constraints

*The system so far is a very crude system. It is designed for just a few list of movies.*

### 2.5 Assumptions and Dependencies

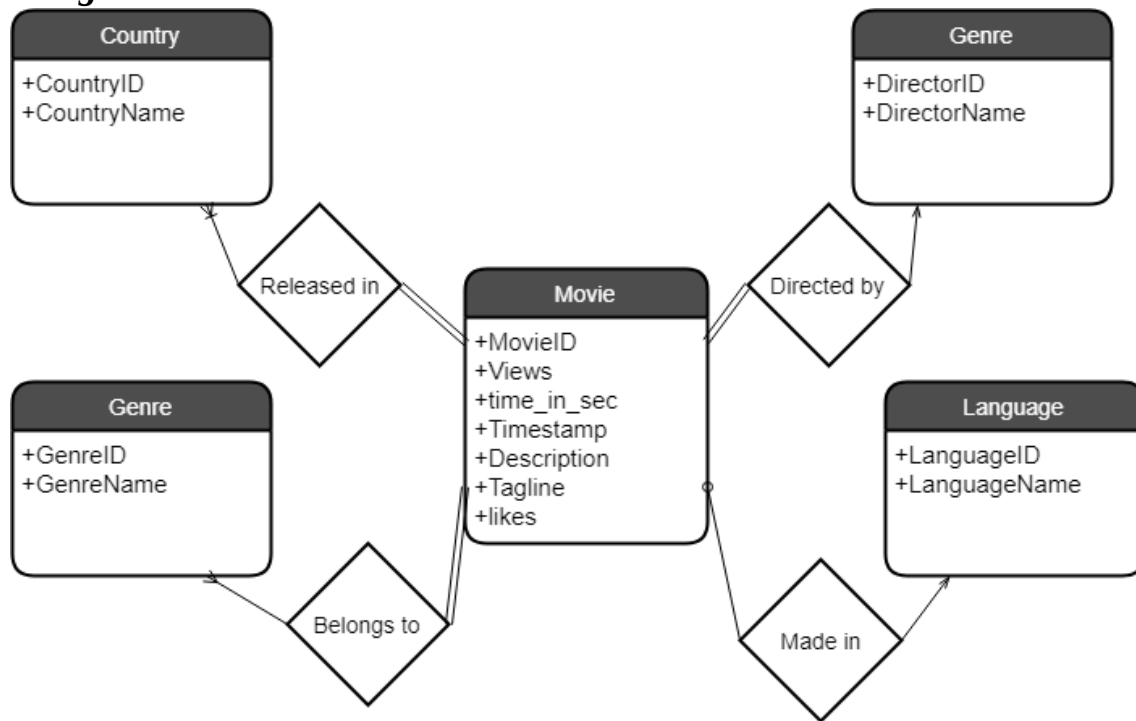
*The program uses php to connect to the database. This product's code is as per the current php syntax. Incase of newer versions where they do not provide backward compatibility the program may not work as expected.*

### 2.6 Functional Analysis and Scope

- *Every film can have multiple Genres*
- *Every film has only one Language*
- *Every film has only one Director*
- *Popularity is determined by number of likes (a more complex function can be generated)*
- *3 movies per page for pagination. Do not allow to go to previous page if on page 1*
- *Time to be stored in seconds, so can be converted to HH:MM:SS format*
- *First 300 characters of description are shown while listing*

### 3. Database Design

#### ER Diagram



#### Entities

- *Movies* – stores all details of the movies
- *Country* – Stores country names with their ID
- *Genre* – Stores genre names with their ID
- *Directors* – Stores director names with their ID
- *Languages* – Stores language names with their ID

## 4. References

- <https://www.phpmyadmin.net/>
- [www.draw.io](http://www.draw.io)
- [www.stackoverflow/php](http://www.stackoverflow/php)
- <http://php.net/manual/en/index.php>
- <http://getbootstrap.com>