**Project Report**

Academy Awards  
Database

# Database Systems - Further Assessment

# Purpose

This database stores information on Actors, Directors, Crew, Films and Winners at multiple Academy Awards as well as the venue.

# **ERD:**

table goes here

# **Entities**:

**Ceremony**

The oscars or academy awards of a particular year.

Attributes:

crmyID – The number of the ceremony since the beginning of the awards (Unique)

crmyYear – The year the ceremony was held

location – The location of the Awards in a particular year

**Film**

Attributes:

filmID – The unique identifier for a film (Unique)

filmName – The name of the nominated feature

year – Year of production of film

**Nominee**

Attributes:

nomID – Unique nomination identifier

fullName – Name of Nominee(s) (can be multiple)

isShared – Indicates if it’s a shared nominations

[add table here]

# **Relationships**:

**Showcases**

Ceremony - (1 : N) – Film

One Ceremony has many Film showcases

Films may only be showcased at one Ceremony

*Constraints:*

*A film must be nominated to be at the Ceremony*

*Every Ceremony nominates films*

*A film must be nominated to be at the Ceremony*

[add table here]

**Nominated for**

Nominee - (N : 1) – Film

Nominees can be nominated to one film at a time.

A single film may have multiple nominees.

*Constraints*:

*An award must have a recipient even in the case of Best Picture (Director or Producer) therefore a Film must have a Nominee*

*A nominee must have taken part in a motion film to participate*

[add table here]

# Relational Schema

Oscar(oscarID*,* oscarYear, venue*)*

Films(filmName, filmYear, *category, isWinner*)

Nominees(nomID, surname, givenNames, DOB)

Nominations(nomID, isShared, role, *filmName, filmYear*)

# Data types

TABLE **Oscar**

oscarID CHAR(10) **PK**

**#***Represents edition of Oscars since first ceremony. Numerical and fixed size. Unique.*

oscarYear YEAR

**#***Year of ceremony. 4 digit format.*

venue VARCHAR(60)

***#*** *Venue ceremony is being held. Variable size*

TABLE **Film**

filmName VARCHAR(60) **PK**

*#Name of Film. composite key*

crmnyYear YEAR **PK**

*#Year of release. 4 digit format composite key.*

category VARCHAR(20)

*#Category film falls under (eg. Animation).*

TABLE **Nominee**

nomID INT **PK**

***#****used as main identifier generated for DB. Must be unique. Autoincrements*

surname VARCHAR(30) **NOT NULL**

***#****Must not be null.*

givenNames VARCHAR(150)

***#****Can be null as not every nominee will have 2 names.*

dob DATE

#Date of birth date datatype

TABLE **Nominations**

nomID CHAR(6) **FK**

filmName VARCHAR(60) **FK**

crmnyYear YEAR **FK**

role VARCHAR(20)

*#type of role nominated for*