1.Movies Should have Multiple Media

CREATE TABLE MOVIE\_MASTER

(

SLNO NUMERIC,

MOVIE\_ID VARCHAR(255),

MOVIE\_NAME VARCHAR(255)

)

|  |  |  |
| --- | --- | --- |
| TABLE\_NAME: MOVIE\_MASTER | | |
| SLNO | MOVIE\_ID | MOVIE\_NAME |
| 1 | MOV\_1001 | Toy Story |
| 2 | MOV\_1002 | Finding Nemo |
| 3 | MOV\_1003 | WALL-E |
| 4 | MOV\_1004 | Inside-Out |
| 5 | MOV\_1005 | Sprited-Away |

CREATE TABLE MEDIA\_MASTER(

UQ\_MEDIA\_ID VARCHAR(255),

MOVIE\_ID VARCHAR(255),

MEDIA\_TYPE VARCHAR(255),

URL VARCHAR(255)

)

|  |  |  |  |
| --- | --- | --- | --- |
|  | TABLE\_NAME: MEDIA\_MASTER |  |  |
| UQ\_MEDIA\_ID | MOVIE\_ID | MEDIA\_TYPE | URL |
| MED\_001 | MOV\_1001 | VIDEO | SAMPLE\_URL1 |
| MED\_002 | MOV\_1002 | VIDEO | SAMPLE\_URL2 |
| MED\_003 | MOV\_1003 | IMAGE | SAMPLE\_URL3 |
| MED\_004 | MOV\_1004 | VIDEO | SAMPLE\_URL4 |
| MED\_005 | MOV\_1005 | IMAGE | SAMPLE\_URL5 |
| MED\_006 | MOV\_1001 | VIDEO | SAMPLE\_URL6 |
| MED\_007 | MOV\_1002 | IMAGE | SAMPLE\_URL7 |
| MED\_008 | MOV\_1003 | IMAGE | SAMPLE\_URL8 |
| MED\_009 | MOV\_1004 | IMAGE | SAMPLE\_URL9 |
| MED\_010 | MOV\_1005 | VIDEO | SAMPLE\_URL10 |

|  |
| --- |
| 2. Movie can belong to multiple GENERE  CREATE TABLE GENERE\_MASTER  (  GENERE\_ID VARCHAR(255),  TYPE VARCHAR(255)  ) |

|  |  |
| --- | --- |
| GENERE\_MASTER |  |
| GENERE\_ID | Type |
| G\_001 | Action |
| G\_002 | Comedy |
| G\_003 | Fantasy |
| G\_004 | Friends |
| G\_005 | Crime |

CREATE TABLE MOVIE\_GENERE MASTER(

UNIQUE\_ID VARCHAR(255),

MOVIE\_ID VARCHAR(255),

GENERE\_ID VARCHAR(255)

)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MOVIE\_GENERE\_MASTER | |  | |  |
| UNIQUE\_ID | Movies\_id | | | Genere\_id |
| MG\_01 | MOV\_1001 | | G\_001 | |
| MG\_02 | MOV\_1002 | | G\_002 | |
| MG\_03 | MOV\_1003 | | G\_003 | |
| MG\_04 | MOV\_1004 | | G\_004 | |
| MG\_05 | MOV\_1005 | | G\_005 | |

3.Movie can have multiple reviews and reviews can belong to multiple users

CREATE TABLE REVIEW\_MASTER(

REVIEW\_ID VARCHAR(255),

REVIEW\_TYPE VARCHAR(255)

)

|  |  |
| --- | --- |
| REVIEW\_MASTER |  |
| REVIEW\_ID | REVIEW\_TYPE |
| 1 | poor |
| 2 | average |
| 3 | good |
| 4 | excellent |

CREATE TABLE MOVIE\_REVIEW\_MASTER(

UNIQUE\_ID VARCHAR(255),

MOVIE\_ID VARCHAR(255),

USER\_ID VARCHAR(255),

USER\_NAME VARCHAR(255),

USER\_REVIEW VARCHAR(255),

REVIEW\_DATE DATE

)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| MOVIE\_REVIEW\_MASTER | | | | | |
| UNIQUE\_ID | MOVIE\_ID | USER\_ID | USER\_NAME | USER\_REVIRE | REVIEW\_DATE |
| REVIEW\_001 | MOV\_1001 | USER\_ID\_1001 | RAVI | 3 | 01-Jan-05 |
| REVIEW\_002 | MOV\_1002 | USER\_ID\_1002 | RAJESH | 4 | 01-Jan-05 |
| REVIEW\_003 | MOV\_1003 | USER\_ID\_1003 | KUMAR | 5 | 01-Jan-05 |
| REVIEW\_004 | MOV\_1004 | USER\_ID\_1004 | AJITH | 5 | 01-Jan-05 |
| REVIEW\_005 | MOV\_1005 | USER\_ID\_1005 | KRISHNAN | 4 | 01-Jan-05 |
| REVIEW\_006 | MOV\_1001 | USER\_ID\_1006 | KAVIN | 3 | 05-Jan-05 |
| REVIEW\_007 | MOV\_1002 | USER\_ID\_1007 | RAMYA | 2 | 06-Jan-05 |
| REVIEW\_008 | MOV\_1003 | USER\_ID\_1008 | MEERA | 4 | 07-Jan-05 |
| REVIEW\_009 | MOV\_1004 | USER\_ID\_1009 | LATHA | 3 | 08-Jan-05 |
| REVIEW\_010 | MOV\_1005 | USER\_ID\_1010 | KUMAR | 1 | 09-Jan-05 |

4.Artist can have multiple skills

CREATE TABLE ARTIST\_MASTER

(

ID NUMERIC,

ARTIST\_NAME VARCHAR(255)

)

|  |  |
| --- | --- |
| TABLE: ARTIST\_MASTER |  |
| ID | ARTIST\_NAME |
| 1 | Woody |
| 2 | Clown Fish |
| 3 | Wall-e |
| 4 | Riley |
| 5 | Hayao Miyazaki |

CREATE TABLE SKILLS\_MASTER

(

ID NUMERIC,

TYPE VARCHAR(255)

)

|  |  |
| --- | --- |
| TABLE: SKILLS\_MASTER |  |
| ID | TYPE |
| 1 | Actor |
| 2 | director |
| 3 | Producer |
| 4 | singer |
| 5 | writter |

CREATE TABLE ARTIST\_SKILLS

(

ID VARCHAR(255),

ARTIST\_ID VARCHAR(255),

SKILLS\_ID VARCHAR(255)

)

|  |  |  |
| --- | --- | --- |
| TABLE: ARTIST\_SKILLS | |  |
| ID | ARTIST\_ID | SKILLS\_ID |
| 1 | 3 | 1 |
| 2 | 4 | 2 |
| 3 | 4 | 1 |
| 4 | 3 | 2 |
| 5 | 5 | 3 |
| 6 | 2 | 4 |
| 7 | 1 | 3 |
| 8 | 5 | 5 |
| 9 | 1 | 4 |
| 10 | 2 | 5 |

5.Artist can perform multiple roles in a single flim

CREATE TABLE ARTIST\_MASTER(

ID NUMERIC,

ARTIST\_NAME VARCHAR(255)

)

|  |  |
| --- | --- |
| TABLE NAME: ARTIST\_MASTER |  |
| ID | ARTIST\_NAME |
| 1 | Woody |
| 2 | Clown Fish |
| 3 | Wall-e |
| 4 | Riley |
| 5 | Hayao Miyazaki |

CREATE TABLE MOVIE\_MASTER(

SLNO NUMERIC,

MOVIE\_ID VARCHAR(255),

MOVIE\_NAME VARCHAR(255)

)

|  |  |  |
| --- | --- | --- |
| TABLE\_NAME: MOVIE\_MASTER | | |
| SLNO | MOVIE\_ID | MOVIE\_NAME |
| 1 | MOV\_1001 | Toy Story |
| 2 | MOV\_1002 | Finding Nemo |
| 3 | MOV\_1003 | WALL-E |
| 4 | MOV\_1004 | Inside-Out |
| 5 | MOV\_1005 | Sprited-Away |
|  |  |  |

CREATE TABLE ROLE\_MASTER(

ID NUMERIC,

MOVIE\_ID VARCHAR(255),

ARTIST\_ID NUMERIC,

ROLE NUMERIC

)

|  |  |  |  |
| --- | --- | --- | --- |
| TABLE\_NAME:ROLE\_MASTER | | | |
| ID | MOVIE\_ID | ARTIST\_ID | NO\_OF\_ROLE |
| 1 | MOV\_1001 | 1 | 3 |
| 2 | MOV\_1002 | 2 | 2 |
| 3 | MOV\_1003 | 3 | 3 |
| 4 | MOV\_1004 | 4 | 1 |
| 5 | MOV\_1005 | 5 | 1 |