

# *(SRS) Document*

## *Shahid-database-system*

### Script of the Created Tables:

```
create table films(film_id number (5)PRIMARY KEY,
```

```
film_name VARCHAR(2000),
```

```
FilmCategoryID number(3) references category_list (category_ID) ON Delete
```

```
cascade ,
```

```
film_description VARCHAR(3000),
```

```
release_date VARCHAR(2000));
```

```
insert into films values (0,'men in black',0,'"Men in Black" is a science fiction action-comedy movie released in 1997, directed by Barry Sonnenfeld and starring Will Smith and Tommy Lee Jones. The movie is based on a comic book series of the same name by Lowell Cunningham. ','1997');
```

```
insert into films values (1,'Tom and Jerry',1,'"Tom and Jerry" is a live-action/animated comedy movie released in 2021, directed by Tim Story and starring Chloe Grace Moretz, Michael Pena, and Colin Jost. The movie is based on the classic animated television series of the same name created by William Hanna and Joseph Barbera.','2021');
```

```
insert into films values (2,' "Harry Potter" and the Philosophers Stone',2,'The story follows Harry Potter, a young orphan who discovers that he is a wizard and is invited to attend Hogwarts School of Witchcraft and Wizardry. Along with his new friends Ron and Hermione, Harry must learn to navigate the wizarding world while also facing the dark magic of Lord Voldemort, the evil wizard who killed Harrys parents ','2001');
```

```
create table payment_plan ( PLAN_ID number (5)PRIMARY KEY,
```

```
price number(25),
```

```
due_time number (20),
```

);

insert into payment\_plan values (0,150,3);

insert into payment\_plan values (1,50,2);

insert into payment\_plan values (2,100,4);

insert into payment\_plan values (3,170,6);

insert into payment\_plan values (4,300,1);

/\*create table Fav\_list (fav\_list\_ID number (5)PRIMARY KEY,

film\_id number (5),

CONSTRAINT fk\_film\_id FOREIGN KEY (film\_id) REFERENCES films (film\_id) );\*/

create table Actors (actor\_id number (5)PRIMARY KEY,

actor\_name VARCHAR(255) ,

gender VARCHAR(2)

);

insert into Actors (actor\_id,actor\_name,gender) values(0,'Tommy Lee Jones', 'M');

insert into Actors (actor\_id,actor\_name,gender) values(1,'Will Smith', 'M');

insert into Actors (actor\_id,actor\_name,gender) values(2,'Linda Fiorentino', 'F');

insert into Actors (actor\_id,actor\_name,gender) values(3,'Daniel Radcliffe', 'M');

insert into Actors (actor\_id,actor\_name,gender) values(4,'Rupert Grint', 'M');

insert into Actors (actor\_id,actor\_name,gender) values(5,'Emma Watson', 'F');

insert into Actors (actor\_id,actor\_name,gender) values(6,'Chloë Grace', 'M');

insert into Actors (actor\_id,actor\_name,gender) values(7,'MoretzMichael', 'M');

insert into Actors (actor\_id,actor\_name,gender) values(8,'PeñaColin Jost', 'F');

create table USERS (user\_id NUMBER(6) PRIMARY KEY ,

user\_name VARCHAR (255),

userEmail VARCHAR(255),

userPass VARCHAR(255)

);

ALTER TABLE USERS ADD paymentplan number(20);

insert into USERS (user\_id,user\_name ,userEmail ,userPass ) values(0,'moahmed fawzy','mohamed@shahid.com',202301);

insert into USERS (user\_id,user\_name ,userEmail ,userPass ) values(1,'mohamed khalifa','mohamed\_kh@shahid.com',202302);

insert into USERS (user\_id,user\_name ,userEmail ,userPass ) values(2,'rahma ahmed','rahma@shahid.com',202303);

insert into USERS (user\_id,user\_name ,userEmail ,userPass ) values(3,'menna shaaban','menna@shahid.com',202304);

UPDATE USERS SET PAYMENTPLAN = 150 WHERE USER\_ID = 0;

UPDATE USERS SET PAYMENTPLAN = 170 WHERE USER\_ID = 1;

UPDATE USERS SET PAYMENTPLAN = 100 WHERE USER\_ID = 2;

UPDATE USERS SET PAYMENTPLAN = 300 WHERE USER\_ID = 3;

CREATE TABLE Admins (

AdminId number(5) PRIMARY KEY,

AdminName VARCHAR(255) ,

AdminEmail VARCHAR(255) ,

AdminPass VARCHAR(255)

);

insert into Admins (AdminId,AdminName,AdminEmail,AdminPass) values(0,'Ayat\_Mohamed','ayat@shahid.com',123);

insert into Admins (AdminId,AdminName,AdminEmail,AdminPass) values(1,'Rahma\_Mohamed','rahma@shahid.com',456);

insert into Admins (AdminId,AdminName,AdminEmail,AdminPass) values(2,'Fawzy\_Mohamed','fawzy@shahid.com',789);

```
create table category_list (category_ID number (5)PRIMARY KEY,  
caregory_name VARCHAR(255)  
);
```

```
insert into category_list (category_ID, caregory_name)values (0,'Action');  
insert into category_list (category_ID, caregory_name)values (1,'Cartoon');  
insert into category_list (category_ID, caregory_name)values (2,'Fantasy');
```

Create Table film\_actor

```
(film_id number(10) References films (film_id) , actor_id number(10) References Actors  
(actor_id), CONSTRAINT Flm_Act_PK PRIMARY KEY(film_id, actor_id)
```

```
,actor_name varchar(255));
```

```
insert into film_actor values
```

```
(0, 0,'Tommy Lee Jones');
```

```
insert into film_actor values
```

```
(0,1,'Will Smith');
```

```
insert into film_actor values
```

```
(0, 2,'Linda Fiorentino');
```

```
insert into film_actor values
```

```
(1, 3,'Daniel Radcliffe');
```

```
insert into film_actor values
```

```
(1,4,'Rupert Grint');
```

insert into film\_actor values

(1, 5, 'Emma Watson');

insert into film\_actor values

(2, 6, 'Chloë Grace');

insert into film\_actor values

(2, 7, 'MoretzMichael');

insert into film\_actor values

(2, 8, 'PeñaColin Jost');

---

### Stored procedures :

Procedure to find Actor name:

```
create or replace PROCEDURE ACTOR_NAME(FILM_NAM IN VARCHAR2,CID OUT
sys_refcursor) AS
```

```
BEGIN
```

```
open CID for
```

```
select FILM_ACTOR.ACTOR_NAME FROM film_actor, films
```

```
where FILM_ACTOR.FILM_ID=FILMS.FILM_ID
```

```
AND FILMS.FILM_NAME=FILM_NAM;
```

```
END;
```

---

Procedure to search by id:

```
create or replace PROCEDURE COMBO_ID(
```

```
payment_id IN NUMBER,
```

price OUT NUMBER,due\_tim out NUMBER)

AS

BEGIN

SELECT PRICE, DUE\_TIME

INTO price , due\_tim

FROM PAYMENT\_PLAN

WHERE PLAN\_ID = payment\_id;

END COMBO\_ID;

---

Procedure to view all plans:

create or replace PROCEDURE SHOW\_ALL\_PLANS(btn out sys\_refcursor) AS

BEGIN

open btn for

SELECT \* from payment\_plan;

END ;