



1. Show (Show_id, Show_name, Seats_open)

2. Sequal (Show_id, Show_id_2)

Show_id references Show

On delete cascade

Show_id_2 references Show

On delete cascade

You can also set them as foreign key.

3. Show_performance (Performance_id, Show_id, date, Start_time, End_time, Duration, direct_director_id, in_charge_director_id)

Show_id references Show

NOT NULL On delete cascade

direct_director_id references Director

NOT NULL On delete cascade

in_charge_director_id references Performer **NOT NULL On delete cascade**

NOT NULL can be omitted

4. Director (Staff_id, First_name, Last_name, Email, in_charge_of_performance_id, prefer_performer_id)

in_charge_of_performance_id references Show_performance **On delete cascade**

prefer_performer_id references Performer **On delete cascade**

in_charge_of_performance_id can be omitted.

5. Phone_number (phone_number, Staff_id)

Staff_id references Director **On delete cascade**

6. Speciality (Speciality_id, Staff_id)

Staff_id references Director **On delete cascade**

7. Performer (Performer_ID, first_name, last_name, Email, Phone, Perform_performance_id, Prefer_performance_id)

perform_performance_id references Show_performance **NOT NULL On delete cascade**

Prefer_performance_id references Show_performance **NOT NULL On delete cascade**

NOT NULL can be omitted

8. Full_Time(fid, Monthly_salary)

fid references Performer **On delete cascade**

You can also set fid as foreign key.

9. Part_time(pid, Hourly_rate)

pid references Performer **On delete cascade**

You can also set pid as foreign key.

Grading criteria:

9 tables: $9 \times 2 \text{ marks} = 18 \text{ marks}$

10 primary keys underline: $10 \times 1 \text{ marks} = 10 \text{ marks}$

9 foreign keys underline: $9 \times 2 \text{ marks} = 18 \text{ marks}$

34 attributes: $34 \times 1 \text{ mark} = 34 \text{ marks}$

13 'On delete cascade' constraints: $13 \times 1 \text{ mark} = 13 \text{ marks}$

5 'NOT NULL' constraints: $5 \times 1 \text{ mark} = 5 \text{ marks}$

Presentation: 2 mark