**Relational model Checkpoint**

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| **THE PROBLEM** |
| **What You're Aiming For**  In this checkpoint, you're going to practice with a real life example.  After the construction of his hotels in one of the tourist areas, a director wishes to prepare a database to facilitate the management of his data.  The director has presented the following information to you through the entity relationship model.  <https://i.imgur.com/oHkrfiJ.png>  **Instructions**  Convert the  entity relationship model to a relational diagram |
| **C:\Users\Assane DIOUF\Documents\ETUDES\Master of Computer Science_GOMYCODE&WOOLF\GOMYCODE\MyProjects\15.Relational model Checkpoint\oHkrfiJ - Imgur.png** |

**RELATIONAL MODEL**

**Hotel *(****Hotel\_id, Hotel\_name,* ***#Type\_id)***

**Type *(****Type\_id, Type\_name****)***

**Room *(****Room\_id, Floor****,#Hotel\_id, #Category\_id)***

**Category *(****Category\_id, Category\_name, Price, Beds\_numbers****)***

**Employee *(****Employee\_id, Employee\_Name, Employee\_Speciality****, #Director\_id, #Hotel\_id)***

**RELATIONAL MODEL**

|  |  |  |
| --- | --- | --- |
| **Hotel** | | |
| **Hotel\_id** | **Hotel\_name** | **#Type\_id** |

|  |  |
| --- | --- |
| **Type** | |
| **Type\_id** | **Type\_name** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Room** | | | |
| **Room\_id** | **Floor** | **#Hotel\_id** | **#Category\_id** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | | | |
| **Category\_id** | **Category\_name** | **Price** | **Beds\_numbers** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Employee** | | | | |
| **Employee\_id** | **Employee\_Name** | **Employee\_Speciality** | **#Director\_id** | **#Hotel\_id** |