



|                        |                                     |  |                 |           |             |          |  |  |  |  |
|------------------------|-------------------------------------|--|-----------------|-----------|-------------|----------|--|--|--|--|
|                        | Hotel ID                            | Service Provider   | Supervisor ID   | Profit    |             |          |  |  |  |  |
|                        |                                     |  |                 |           |             |          |  |  |  |  |
| (i) Providers_Services | Service Provider                    | Service Description  | Service Price   |           |             |          |  |  |  |  |
|                        |                                     |  |                 |           |             |          |  |  |  |  |
|                        |                                     |  |                 |           |             |          |  |  |  |  |
|                        | HOTEL i (SUBCLASS)                  |  |                 |           |             |          |  |  |  |  |
|                        | isMember                            | isOccupied   | Room Type       | Price/Day | Room Number | Hotel ID |  |  |  |  |
|                        |                                     |  |                 |           |             |          |  |  |  |  |
|                        | Changes :                           | We don't have to make any changes in the above relation as there is no anomaly and it is normalized.     |                 |           |             |          |  |  |  |  |
|                        |                                     | Here, the attribute "checkout date" has been omitted since it is already stored in the guests relations. |                 |           |             |          |  |  |  |  |
|                        |                                     |  |                 |           |             |          |  |  |  |  |
|                        | FACILITIES AVAILED (N-ary relation) |  |                 |           |             |          |  |  |  |  |
|                        | Member ID                           | Service Provider   | Number of times |           |             |          |  |  |  |  |