## Exercise 02 — ****Structured Description of the Reference Entities needed to support UC01, UC02, UC03 for Task 1 of the Haircut Appointment system****

### 1. ****Employee Roles****

### Purpose: To assign one or more roles (e.g., master, manager) to employees. Enables role-based access and functionality in the system.

### Attributes:

| Attribute Name | Data Type | Length | Required | Default | Key | Comments |
| --- | --- | --- | --- | --- | --- | --- |
| employee\_role\_id | INT | — | YES | — | PK | Unique ID of the role record |
| employee\_id | INT | — | YES | — | FK → employee.persona\_id | Links to the Employee |
| role | ENUM('master', 'manager') | — | YES | — | — | Defines the employee's role |

### 2. ****Services****

### Purpose: Stores the list of available haircut or salon services.

### Attributes:

| Attribute Name | Data Type | Length | Required | Default | Key | Comments |
| --- | --- | --- | --- | --- | --- | --- |
| service\_id | INT | — | YES | — | PK | Unique ID of the service |
| service\_name | VARCHAR | 100 | YES | — | — | Name of the service (e.g., haircut, coloring) |

### 3. ****Master Services****

### Purpose: Defines the mapping between masters (employees with the "master" role) and the services they provide.

### Attributes:

| Attribute Name | Data Type | Length | Required | Default | Key | Comments |
| --- | --- | --- | --- | --- | --- | --- |
| master\_service\_id | INT | — | YES | — | PK | Unique ID of the record |
| employee\_id | INT | — | YES | — | FK → employee.persona\_id | Master who provides the service |
| service\_id | INT | — | YES | — | FK → services.service\_id | Service provided by the master |