MP0

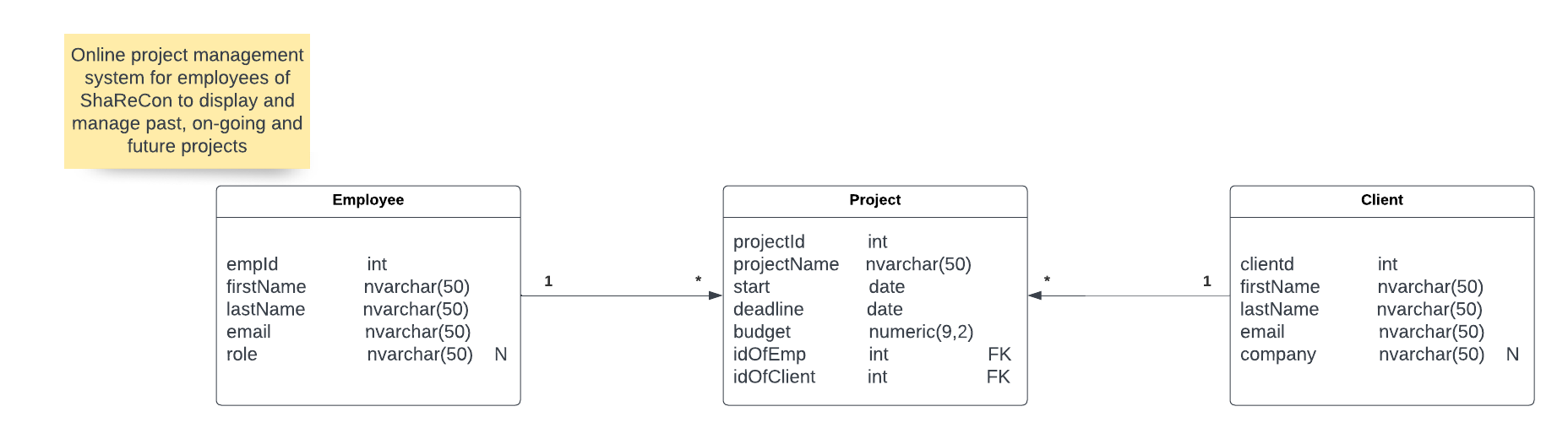
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# Topic: Online Shop

ShaReCon Inc. need a project management system for employees to display and manage past, on-going and future projects.

# Model (E-R)



## *Employee* table

|  |  |  |  |
| --- | --- | --- | --- |
| **Field name** | **Type** | **Required** | **Description** |
| empId | integer | Yes | Primary key |
| firstName | nvarchar | Yes | Employee’s first name |
| lastName | nvarchar | Yes | Employee’s last name |
| email | nvarchar | Yes | Contact to the employee |
| role | nvarchar | No | Role in the company ex. Senior React Developer |

## *Project* table

|  |  |  |  |
| --- | --- | --- | --- |
| **Field name** | **Type** | **Required** | **Description** |
| projectId | integer | Yes | Primary key |
| projectName | nvarchar | Yes | Project name |
| start | date | Yes | Start date of the project |
| deadline | date | Yes | Deadline for the project |
| budget | numeric | Yes | Estimated budget for the project |
| idOfEmp | integer | Yes | Foreign key – *Employee* table |
| idOfClient | integer | Yes | Foreign key – *Client* table |

## *Client* table

|  |  |  |  |
| --- | --- | --- | --- |
| **Field name** | **Type** | **Required** | **Description** |
| clientId | integer | Yes | Primary key |
| firstName | nvarchar | Yes | Client’s first name |
| lastName | nvarchar | Yes | Client’s last name |
| Email | nvarchar | Yes | Contact to the employee |
| Company | nvarchar | No | Company the client is working for |