**HOMEWORK 1 | Kenneth MItchell**

You are a CIO of a XYZ.Com firm. You have to design a database for your firm. Your firm is an IT consulting firm.

-You have your *employees* such as *developers, project managers, consultants*.

-You have your *customers* such as *other firms or individuals*.

-You have *specific contacts* at the *firm*.

-*Firms* can have many *projects*.

-There can be many *employees per project*.

-There can be multiple *contacts per project*.

-There are *delivery dates per project*.

-*Employees* can be *active or inactive*.

-*Projects* can be *finished, in progress or planned*.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Person**  PersonID  PersonTypeID  PersonName  StatusID | **PersonType**  PersonTypeID  PersonTypeDesc | **Project**  ProjectID  ProjectTypeID  ProjectDeliveryDate  FirmID  StatusID | **ProjectType**  ProjectTypeID  ProjectDesc | **Status**  StatusID  StatusDesc |  |  |  |  |  |
| **Employee**  EmployeeID  PersonID  EmployeeTypeID  ProjectID | **EmployeeType**  EmployeeTypeID  EmployeeDesc | **Firm**  FirmID  FirmDesc |  |  |  |  |  |  |  |
| **Customer**  CustomerID  PersonID  CustomerTypeID  ProjectID | **CustomerType**  CustomerTypeID  CustomerDesc |  |  |  |  |  |  |  |  |
| **Contacts**  ContactID  FirmID  PersonID  ProjectID |  |  |  |  |  |  |  |  |  |

