|  |
| --- |
| **Tasks** |
| Taskid**[PK]** |
| Taskname |
| estStartDate |
| estEndDate |
| actualStartDate |
| actualEndDate |
| Description |
| Note |
| Status |
| Priority |
| Employeeid**[FK]** |

|  |
| --- |
| **employeesXtasks** |
| employeesXtasksid **pk]** |
| Employeeid **[fk]** |
| Taskid **[fk]** |

|  |
| --- |
| **Companies** |
| Companyid**[pk]** |
| companyName |
| CompanyPhone |
| companyAddress |

|  |
| --- |
| **Employees** |
| Employeeid |
| firstName |
| lastName |
| Email |
| Address |
| Phone |
| joinDate |
| Companyid **[fk]** |

**Company and Employees (one - many relationship)**

A company can have many employees for completing several tasks!

1. A company developing software’s will have many employees connected with the project, as the development is divided into small chunks of tasks to do by different employees. E.g. A project of building a restaurant website will have many employees working on assigned tasks like creating wireframes assigned to Krishna, developing user interface layouts assigned to Noopur, working on back-end like connecting with database assigned to Honey.

**Employees and Tasks (many- many relationship)**

An employee can have many tasks assigned in a company and a task can be assigned to more than one employee!

1. An employee can be involved in more than one tasks of the project.
2. An employee say, Krishna is assigned to do specification development of the project as well as she also have to do testing of the developed feature.
3. Creating wireframes and also creating a home page with dynamic menu are the tasks assigned to Krishna.

**Whole Idea**

A company is developing a restaurant website has 4 employees, Chris, Jhon, Ketty, Smit where Chris have to work on the wireframes, Jhon have to work on building the user interface, Ketty assigned the back-end development and Smit have to do the testing. However, Chris has to help Jhon to develop the user interface.