Timesheet Database

Image3.png

LN

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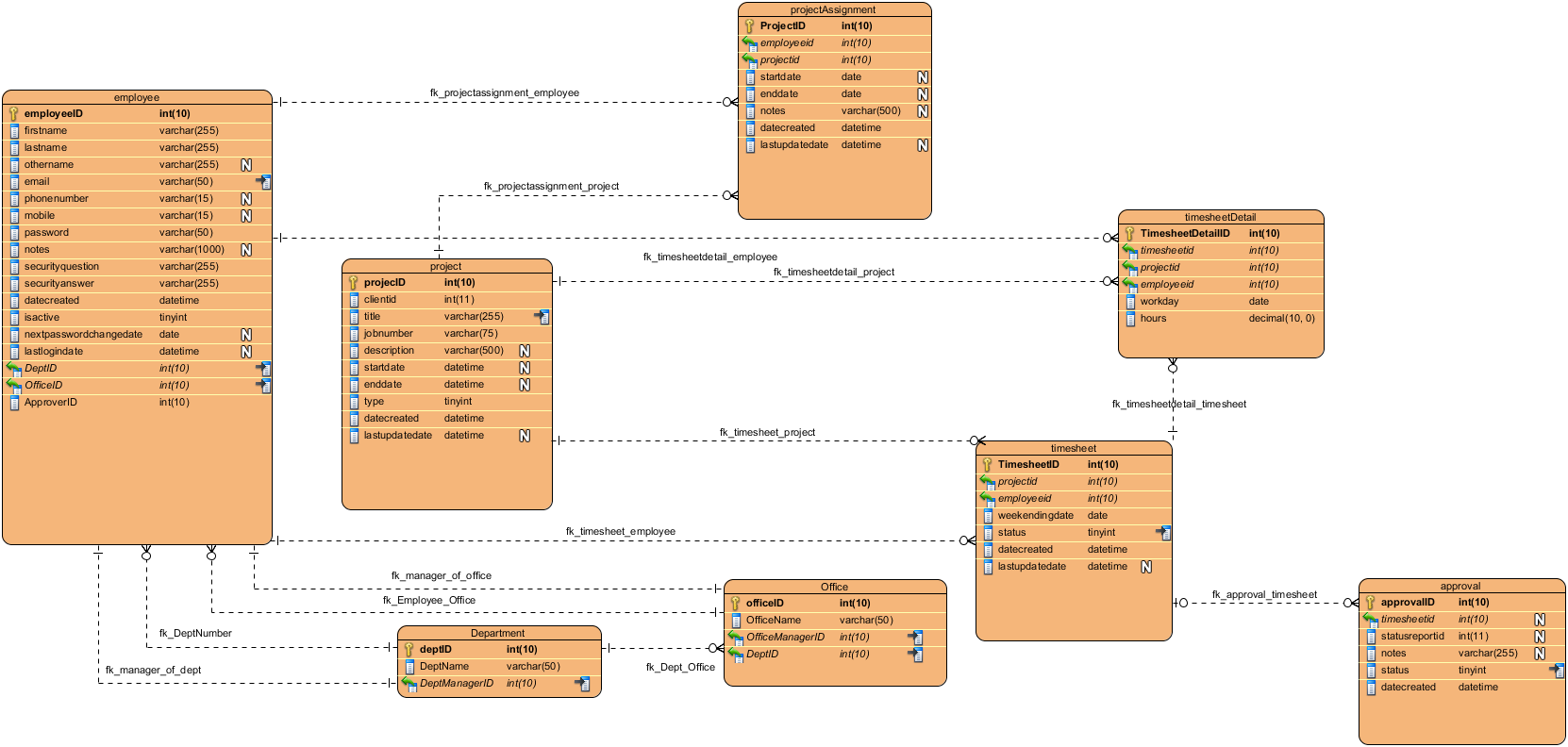
[Timesheet Database](#MRH43TKAUICy0gP0)

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Entity Relationship Diagram

# Timesheet Database



|  |  |
| --- | --- |
| Name | Value |
| Name | Timesheet Database |
| Author | LN |
| Create Date Time | Apr 14, 2015 8:29:08 PM |
| Last Modified | Apr 14, 2015 11:15:59 PM |
| Last Committed User | clmitchell@csumb.edu |
| Last Committed User Name | Clarence Mitchell |
| Data Model | Physical |

## Summary

|  |  |
| --- | --- |
| Name | Description |
| Image1.png [projectAssignment](#zLH43TKAUICy0gP_) |  |
| Image1.png [employee](#rLH43TKAUICy0gQF) |  |
| Image1.png [timesheetDetail](#LLH43TKAUICy0gQD) |  |
| Image1.png [project](#zLH43TKAUICy0gP9) |  |
| Image1.png [timesheet](#LLH43TKAUICy0gQB) |  |
| Image1.png [approval](#tLH43TKAUICy0gP7) |  |
| Image1.png [Office](#V1SJ3TKAUICy0guw) |  |
| Image1.png [Department](#PMEB3TKAUICy0gsk) |  |

## Details

### Image2.png projectAssignment

|  |  |
| --- | --- |
| Name | Value |
| Data Model | Physical |
| DDLClauses | AUTO\_INCREMENT = 1 |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 10:58:49 PM | |

#### Columns Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | DataType | Constraints | Nullable | Description |
| ProjectID | int(10) | PK | No |  |
| employeeid | int(10) | FK ([employee.employeeID](#_WH43TKAUICy0gOj)) | No |  |
| projectid | int(10) | FK ([project.projecID](#DWH43TKAUICy0gOH)) | No |  |
| startdate | date |  | Yes |  |
| enddate | date |  | Yes |  |
| notes | varchar(500) |  | Yes |  |
| datecreated | datetime |  | No |  |
| lastupdatedate | datetime |  | Yes |  |

#### Columns

|  |  |
| --- | --- |
| ProjectID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| employeeid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| projectid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| startdate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| enddate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| notes | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| datecreated | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| lastupdatedate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

#### Relationships

|  |  |
| --- | --- |
| fk\_projectassignment\_project : Relationship | |
| From | Image1.png [project](#zLH43TKAUICy0gP9) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_projectassignment\_employee : Relationship | |
| From | Image1.png [employee](#rLH43TKAUICy0gQF) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

### Image2.png employee

|  |  |
| --- | --- |
| Name | Value |
| Data Model | Physical |
| DDLClauses | AUTO\_INCREMENT = 1 |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

#### Columns Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | DataType | Constraints | Nullable | Description |
| employeeID | int(10) | PK | No |  |
| firstname | varchar(255) |  | No |  |
| lastname | varchar(255) |  | No |  |
| othername | varchar(255) |  | Yes |  |
| email | varchar(50) |  | No |  |
| phonenumber | varchar(15) |  | Yes |  |
| mobile | varchar(15) |  | Yes |  |
| password | varchar(50) |  | No |  |
| notes | varchar(1000) |  | Yes |  |
| securityquestion | varchar(255) |  | No |  |
| securityanswer | varchar(255) |  | No |  |
| datecreated | datetime |  | No |  |
| isactive | tinyint |  | No |  |
| nextpasswordchangedate | date |  | Yes |  |
| lastlogindate | datetime |  | Yes |  |
| DeptID | int(10) | FK ([Department.deptID](#vMEB3TKAUICy0gsl)) | No |  |
| OfficeID | int(10) | FK ([Office.officeID](#V1SJ3TKAUICy0gux)) | No |  |
| ApproverID | int(10) |  | No |  |

#### Columns

|  |  |
| --- | --- |
| employeeID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| firstname | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| lastname | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| othername | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| email | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| phonenumber | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| mobile | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| password | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| notes | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| securityquestion | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| securityanswer | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| datecreated | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| isactive | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| nextpasswordchangedate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| lastlogindate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| DeptID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| OfficeID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| ApproverID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

#### Indices

|  |  |
| --- | --- |
| userProfile | |
| Columns | |  |  | | --- | --- | | email | | | Project Management | |  |  | | --- | --- | | Name | Value | | |
| Unique | true |
| Fulltext | false |
| Index Name Pattern | {table\_name} |
| Clustered | Non-clustered |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:42:43 PM | |

#### Relationships

|  |  |
| --- | --- |
| fk\_projectassignment\_employee : Relationship | |
| To | Image1.png [projectAssignment](#zLH43TKAUICy0gP_) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_timesheet\_employee : Relationship | |
| To | Image1.png [timesheet](#LLH43TKAUICy0gQB) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_timesheetdetail\_employee : Relationship | |
| To | Image1.png [timesheetDetail](#LLH43TKAUICy0gQD) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 10:58:49 PM | |

|  |  |
| --- | --- |
| fk\_manager\_of\_dept : Relationship | |
| To | Image1.png [Department](#PMEB3TKAUICy0gsk) |
| Identifying | false |
| Subtype | false |
| To Multiplicity | 1 |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 11:04:13 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

|  |  |
| --- | --- |
| fk\_manager\_of\_office : Relationship | |
| To | Image1.png [Office](#V1SJ3TKAUICy0guw) |
| Identifying | false |
| Subtype | false |
| To Multiplicity | 1 |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 11:07:26 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |
| fk\_DeptNumber : Relationship | |
| From | Image1.png [Department](#PMEB3TKAUICy0gsk) |
| Identifying | false |
| Subtype | false |
| On Delete | Set null |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 10:21:24 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

|  |  |
| --- | --- |
| fk\_Employee\_Office : Relationship | |
| From | Image1.png [Office](#V1SJ3TKAUICy0guw) |
| Identifying | false |
| Subtype | false |
| On Delete | Set null |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 10:40:35 PM | | Last Modified | Apr 14, 2015 10:48:48 PM | |

### Image2.png timesheetDetail

|  |  |
| --- | --- |
| Name | Value |
| Data Model | Physical |
| DDLClauses | AUTO\_INCREMENT = 1 |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

#### Columns Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | DataType | Constraints | Nullable | Description |
| TimesheetDetailID | int(10) | PK | No |  |
| timesheetid | int(10) | FK ([timesheet.TimesheetID](#nWH43TKAUICy0gOZ)) | No |  |
| projectid | int(10) | FK ([project.projecID](#DWH43TKAUICy0gOH)) | No |  |
| employeeid | int(10) | FK ([employee.employeeID](#_WH43TKAUICy0gOj)) | No |  |
| workday | date |  | No |  |
| hours | decimal(10) |  | No |  |

#### Columns

|  |  |
| --- | --- |
| TimesheetDetailID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| timesheetid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| projectid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| employeeid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| workday | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| hours | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

#### Relationships

|  |  |
| --- | --- |
| fk\_timesheetdetail\_project : Relationship | |
| From | Image1.png [project](#zLH43TKAUICy0gP9) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_timesheetdetail\_timesheet : Relationship | |
| From | Image1.png [timesheet](#LLH43TKAUICy0gQB) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_timesheetdetail\_employee : Relationship | |
| From | Image1.png [employee](#rLH43TKAUICy0gQF) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 10:58:49 PM | |

### Image2.png project

|  |  |
| --- | --- |
| Name | Value |
| Data Model | Physical |
| DDLClauses | AUTO\_INCREMENT = 1 |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 10:58:49 PM | |

#### Columns Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | DataType | Constraints | Nullable | Description |
| projecID | int(10) | PK | No |  |
| clientid | int(11) |  | No |  |
| title | varchar(255) |  | No |  |
| jobnumber | varchar(75) |  | No |  |
| description | varchar(500) |  | Yes |  |
| startdate | datetime |  | Yes |  |
| enddate | datetime |  | Yes |  |
| type | tinyint |  | No |  |
| datecreated | datetime |  | No |  |
| lastupdatedate | datetime |  | Yes |  |

#### Columns

|  |  |
| --- | --- |
| projecID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| clientid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| title | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| jobnumber | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| description | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| startdate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| enddate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| type | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| datecreated | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| lastupdatedate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

#### Indices

|  |  |
| --- | --- |
| index\_project\_title\_unique | |
| Columns | |  |  | | --- | --- | | title | | | Project Management | |  |  | | --- | --- | | Name | Value | | |
| Unique | true |
| Fulltext | false |
| Index Name Pattern | {table\_name} |
| Clustered | Non-clustered |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

#### Relationships

|  |  |
| --- | --- |
| fk\_projectassignment\_project : Relationship | |
| To | Image1.png [projectAssignment](#zLH43TKAUICy0gP_) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_timesheet\_project : Relationship | |
| To | Image1.png [timesheet](#LLH43TKAUICy0gQB) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_timesheetdetail\_project : Relationship | |
| To | Image1.png [timesheetDetail](#LLH43TKAUICy0gQD) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

### Image2.png timesheet

|  |  |
| --- | --- |
| Name | Value |
| Data Model | Physical |
| DDLClauses | AUTO\_INCREMENT = 1 |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 10:58:49 PM | |

#### Columns Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | DataType | Constraints | Nullable | Description |
| TimesheetID | int(10) | PK | No |  |
| projectid | int(10) | FK ([project.projecID](#DWH43TKAUICy0gOH)) | No |  |
| employeeid | int(10) | FK ([employee.employeeID](#_WH43TKAUICy0gOj)) | No |  |
| weekendingdate | date |  | No |  |
| status | tinyint |  | No |  |
| datecreated | datetime |  | No |  |
| lastupdatedate | datetime |  | Yes |  |

#### Columns

|  |  |
| --- | --- |
| TimesheetID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| projectid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| employeeid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| weekendingdate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| status | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| datecreated | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| lastupdatedate | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

#### Indices

|  |  |
| --- | --- |
| index\_timesheet\_status | |
| Columns | |  |  | | --- | --- | | status | | | Project Management | |  |  | | --- | --- | | Name | Value | | |
| Unique | false |
| Fulltext | false |
| Index Name Pattern | {table\_name} |
| Clustered | Non-clustered |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

#### Relationships

|  |  |
| --- | --- |
| fk\_approval\_timesheet : Relationship | |
| To | Image1.png [approval](#tLH43TKAUICy0gP7) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 0..1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_timesheetdetail\_timesheet : Relationship | |
| To | Image1.png [timesheetDetail](#LLH43TKAUICy0gQD) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |
| fk\_timesheet\_project : Relationship | |
| From | Image1.png [project](#zLH43TKAUICy0gP9) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

|  |  |
| --- | --- |
| fk\_timesheet\_employee : Relationship | |
| From | Image1.png [employee](#rLH43TKAUICy0gQF) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

### Image2.png approval

|  |  |
| --- | --- |
| Name | Value |
| Data Model | Physical |
| DDLClauses | AUTO\_INCREMENT = 1 |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

#### Columns Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | DataType | Constraints | Nullable | Description |
| approvalID | int(10) | PK | No |  |
| timesheetid | int(10) | FK ([timesheet.TimesheetID](#nWH43TKAUICy0gOZ)) | Yes |  |
| statusreportid | int(11) |  | Yes |  |
| notes | varchar(255) |  | Yes |  |
| status | tinyint |  | No |  |
| datecreated | datetime |  | No |  |

#### Columns

|  |  |
| --- | --- |
| approvalID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| timesheetid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| statusreportid | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| notes | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| status | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| datecreated | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

#### Indices

|  |  |
| --- | --- |
| index\_approval\_status | |
| Columns | |  |  | | --- | --- | | status | | | Project Management | |  |  | | --- | --- | | Name | Value | | |
| Unique | false |
| Fulltext | false |
| Index Name Pattern | {table\_name} |
| Clustered | Non-clustered |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

#### Relationships

|  |  |
| --- | --- |
| fk\_approval\_timesheet : Relationship | |
| From | Image1.png [timesheet](#LLH43TKAUICy0gQB) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 0..1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | LN | | Create Date Time | Apr 14, 2015 8:29:07 PM | | Last Modified | Apr 14, 2015 8:32:41 PM | |

### Image2.png Office

|  |  |
| --- | --- |
| Name | Value |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 10:33:15 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

#### Columns Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | DataType | Constraints | Nullable | Description |
| officeID | int(10) | PK | No |  |
| OfficeName | varchar(50) |  | No |  |
| OfficeManagerID | int(10) | FK ([employee.employeeID](#_WH43TKAUICy0gOj)) | No |  |
| DeptID | int(10) | FK ([Department.deptID](#vMEB3TKAUICy0gsl)) | No |  |

#### Columns

|  |  |
| --- | --- |
| officeID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| OfficeName | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| OfficeManagerID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| DeptID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

#### Relationships

|  |  |
| --- | --- |
| fk\_Employee\_Office : Relationship | |
| To | Image1.png [employee](#rLH43TKAUICy0gQF) |
| Identifying | false |
| Subtype | false |
| On Delete | Set null |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 10:40:35 PM | | Last Modified | Apr 14, 2015 10:48:48 PM | |
| fk\_Dept\_Office : Relationship | |
| From | Image1.png [Department](#PMEB3TKAUICy0gsk) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 10:36:55 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

|  |  |
| --- | --- |
| fk\_manager\_of\_office : Relationship | |
| From | Image1.png [employee](#rLH43TKAUICy0gQF) |
| Identifying | false |
| Subtype | false |
| To Multiplicity | 1 |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 11:07:26 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

### Image2.png Department

|  |  |
| --- | --- |
| Name | Value |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 10:15:03 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

#### Columns Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | DataType | Constraints | Nullable | Description |
| deptID | int(10) | PK | No |  |
| DeptName | varchar(50) |  | No |  |
| DeptManagerID | int(10) | FK ([employee.employeeID](#_WH43TKAUICy0gOj)) | No |  |

#### Columns

|  |  |
| --- | --- |
| deptID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| DeptName | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

|  |  |
| --- | --- |
| DeptManagerID | |
| Project Management | |  |  | | --- | --- | | Name | Value | |

#### Relationships

|  |  |
| --- | --- |
| fk\_DeptNumber : Relationship | |
| To | Image1.png [employee](#rLH43TKAUICy0gQF) |
| Identifying | false |
| Subtype | false |
| On Delete | Set null |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 10:21:24 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |

|  |  |
| --- | --- |
| fk\_Dept\_Office : Relationship | |
| To | Image1.png [Office](#V1SJ3TKAUICy0guw) |
| Identifying | false |
| Subtype | false |
| On Delete | Cascade |
| On Update | Cascade |
| To Multiplicity | 0..\* |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 10:36:55 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |
| fk\_manager\_of\_dept : Relationship | |
| From | Image1.png [employee](#rLH43TKAUICy0gQF) |
| Identifying | false |
| Subtype | false |
| To Multiplicity | 1 |
| From Multiplicity | 1 |
| Sync To Association | Yes |
| Data Model | Physical |
| Project Management | |  |  | | --- | --- | | Name | Value | | Author | clmitchell@csumb.edu | | Create Date Time | Apr 14, 2015 11:04:13 PM | | Last Modified | Apr 14, 2015 11:09:06 PM | |