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| Table : | Timecard | |
| Description : | Table to track employee hours worked | |
| Column | Type | Comments |
| EmployeeID | int | * Primary key, foreign key, composite key |
| CompanyID | int | * Primary key, foreign key, composite key |
| WeekOf | nvarchar[10] | * Primary key, composite key |
| Mon | Decimal (2,2) | * Tracks hours per day |
| Tue | Decimal (2,2) | * Tracks hours per day |
| Wed | Decimal (2,2) | * Tracks hours per day |
| Thu | Decimal (2,2) | * Tracks hours per day |
| Fri | Decimal (2,2) | * Tracks hours per day |
| Sat | Decimal (2,2) | * Tracks hours per day |
| Sun | Decimal (2,2) | * Tracks hours per day |

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| Table : | Pieces | |
| Description : | Table to track pieces made by employees | |
| Column | Type | Comments |
| EmployeeID | int | * Primary key, foreign key, composite key |
| CompanyID | int | * Primary key, foreign key, composite key |
| WeekOf | nvarchar[10] | * Primary key, composite key |
| Mon | Decimal (2,2) | * Tracks pieces per day |
| Tue | Decimal (2,2) | * Tracks pieces per day |
| Wed | Decimal (2,2) | * Tracks pieces per day |
| Thu | Decimal (2,2) | * Tracks pieces per day |
| Fri | Decimal (2,2) | * Tracks pieces per day |
| Sat | Decimal (2,2) | * Tracks pieces per day |
| Sun | Decimal (2,2) | * Tracks pieces per day |

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| Table : | ReasonForLeaving | |
| Description : | Table to track of employee’s reasons for leaving | |
| Column | Type | Comments |
| ReasonForLeavingID | int | * Primary key |
| ReasonForLeaving | Nvarchar[30] | * Contains a string representing the reason for leaving |

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| Table : | EmployeeType | |
| Description : | Table to track of employee type | |
| Column | Type | Comments |
| EmployeeID | int | * Primary key, foreign key |
| CompanyID | Int | * Primary key, foreign key |
| EmployeeType | varchar[1] | * Contains a char representing the employee type |

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| Table : | Company | |
| Description : | Keeps track of companies | |
| Column | Type | Comments |
| CompanyID | int | * Primary key |
| CompanyName | nvarchar[30] | * Contains a string representing the company name |
| EnrolledSince | Date | * used to see what timecards are valid |

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| Table : | Season | |
| Description : | Keeps track of seasons | |
| Column | Type | Comments |
| SeasonID | int | * Primary key |
| CompanyName | varchar[10] | * Contains a char representing the season |

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| Table : | SecurityLevel | |
| Description : | Keeps track of security levels | |
| Column | Type | Comments |
| SecurityLevelID | int | * Primary key |
| SecurityLevel | varchar[1] | * Contains a char representing the security level |

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| Table : | AuditActions | |
| Description : | Keeps track of audit actions | |
| Column | Type | Comments |
| AuditTypeID | int | * Primary key |
| AuditAction | varchar[10] | * Contains a char representing the audit action |

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| Table : | Employee | |
| Description : | Keeps track of base employee data | |
| Column | Type | Comments |
| EmployeeID | int | * Primary key |
| SIN/BN | Nvarchar[10] | * Contains a string representing the SIN/BN of an employee |
| LastName | Nvarchar[30] | * Employee last name |
| firstName | Nvarchar[30] | * Employee first name |
| DateOfBirth | nvarchar[11] | * Employee date of birth |

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| Table : | Users | |
| Description : | A list of all users and related info | |
| Column | Type | Comments |
| UserID | int | * Primary key, auto-generated |
| SecurityLevelID | int | * defines the user's security level |
| LastName | Char(30) | * The Employees last name, business name |
| FirstName | Char(30) | * The Employees first name, if contract: null |
| UserName | Char(30) | * User's log in |
| Password | Char(16) | * User's password to go with the log in |

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| Table : | Audit | |
| Description : | A list of all interactions placed upon the Employees within the system by the users | |
| Column | Type | Comments |
| UserID | int | * Primary key, the user that acted on the employee |
| AuditTypeID | int | * Defines the action of the audit (add, change, etc) |
| OldValue | Char(10) | * The previous value |
| NewValue | Char(10) | * The new value present |
| EmployeeID | Char(10) | * The employee affected |
| DateAndTime | Datetime | * Primary key, the date and time that this happened |

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| Table : | Full Time Employee | |
| Description : | Full Time Employee Type contains Base type attributes and unique attributes exclusive to Full Time Employee | |
| Column | Type | Comments |
| EmployedWithID | Int | * Primary Key, Foreign key from the company table * Part of composite primary key |
| EmployeeID | Int | * Primary Key, Foreign Key from Employee table * Part of composite primary key |
| ReasonForLeavingID | Int | * Primary Key, Foreign key from Reason For Leaving * Part of composite primary key |
| DateOfHire | Char(10) | * Day employee hired * Primary Key, Part of composite key |
| DateOfTermination | Char(10) | * Day employee terminated |
| Salary | Float | * Amount of money employee makes |
| Completed | Bool | * completely filled in or not |

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| Table : | Part Time Employee | |
| Description : | Part Time Employee Type contains attributes from Base Type and unique attributes exclusive to Part Time Employee | |
| Column | Type | Comments |
| EmployedWithID | Int | * Primary Key, Foreign key from the company table * Part of composite primary key |
| EmployeeID | Int | * Primary Key, Foreign Key from Employee table * Part of composite primary key |
| ReasonForLeavingID | Int | * Primary Key, Foreign key from Reason For Leaving * Part of composite primary key |
| DateOfHire | Char(10) | * Day employee hired * Primary Key, Part of composite key |
| DateOfTermination | Char(10) | * Day employee terminated |
| HourlyRate | Float | * Amount of money employee makes |
| Completed | Bool | * completely filled in or not |

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| Table : | Seasonal Employee | |
| Description : | Seasonal Employee Type contains attributes from Base Type and unique attributes exclusive to Seasonal Employee | |
| Column | Type | Comments |
| EmployedWithID | Int | * Primary Key, Foreign key from the company table * Part of composite primary key |
| EmployeeID | Int | * Primary Key, Foreign Key from Employee table * Part of composite primary key |
| ReasonForLeavingID | Int | * Primary Key, Foreign key from Reason For Leaving * Part of composite primary key |
| SeasonID | Int | * Season Employed |
| SeasonYear | Int | * year of season |
| PiecePay | Float | * Amount earned in current season |
| Completed | Bool | * completely filled in or not |

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| Table : | Contract Employee | |
| Description : | Contract Employee Type contains attributes from Base Type and unique attributes exclusive to Contract Employee | |
| Column | Type | Comments |
| EmployedWithID | Int | * Primary Key, Foreign key from the company table * Part of composite primary key |
| EmployeeID | Int | * Primary Key, Foreign Key from Employee table * Part of composite primary key |
| ReasonForLeavingID | Int | * Primary Key, Foreign key from Reason For Leaving * Part of composite primary key |
| ContractStartDate | Char(10) | * Day Contract start |
| ContractStopDate | Char(10) | * Day Contract end |
| FixedContractAmount | Float | * Contract earning |