|  |
| --- |
| Departments |
| DepartmentID PK  DepartmentName |

|  |
| --- |
| Employees |
| EmpID PK  EmpFirstName  EmpLastName  BranchID FK  EmpSupID FK  DepartmentID FK |

|  |
| --- |
| Branches |
| BranchesID PK  BranchName  BranchStreet  BranchCity  BranchZip  StateID FK |

|  |
| --- |
| AccountType |
| AccountTypeID PK  AccountTypeName |

|  |
| --- |
| Accounts |
| AccountID PK  AcctOpenDate  AcctCloseDate  AcctStatus  CustomerID FK  AccountTypeID FK  BranchID FK  EmployeeID FK |

|  |
| --- |
| Customers |
| CustomerID PK  CustFirstName  CustLastName  CustStreet  CustCity  CustZip  CustEmail  CustPhone  CustUserName  CustPassword  StateID FK |

|  |
| --- |
| Alerts |
| AlertID PK  AlertDate  AlertTime  AlertDescription  CustomerID FK |

|  |
| --- |
| States |
| StateID PK  StateName |

|  |
| --- |
| Transactions |
| TransactionID PK  TransactionType  TransactionAmount  AccountID FK  EmployeeID FK |

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*Say hello to the problem child “Alerts”. It has a many-to-many relationship with customers, which is illegal in database design.*

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