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CIS 336

Week 1 iLab



**STEP 3: Should a NULL be allowed?**

From my understanding, it would be permissible to allow NULL values for the foreign key *EmpNo* in the *Order* table. In this scenario, an *Employee* of its respective table “contains facts about employees who take orders.” As the question states, orders can also be placed in person, over the phone, or over the Internet. If an employee does not take an order (which may be the case perhaps with an order made over the Internet), it can be said that they are not associated with that particular order. Also, according to the table provided, there *is* a NULL value for OrdNo O1656777 which again implies that NULL values can be allowed for the FK1 *EmpNo* of the *Order* table.

**STEP 4: Initial Project Exercise**

|  |  |
| --- | --- |
| **Entity** | **Attribute(s)** |
| Customer | Name  SignupDate  MailAddress  EmailAddress  FavChannel  DateInactive |
| Program | Rating  Length  Date  Name  Description  Supplier |
| Channel | DistinctType  ChannelName  ChannelNumber |
| Sales | PackageName  PackagePrice  PackagesSold  SalesAmount |
| Guide | ProgramList  Day  StartTime  EndTime |
| Billing | BillingDate  CustPackage  BillAmount  BillPaid |
| CustSurvey | Result  DateOfSurvey |