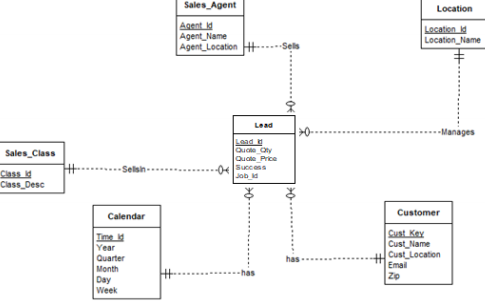
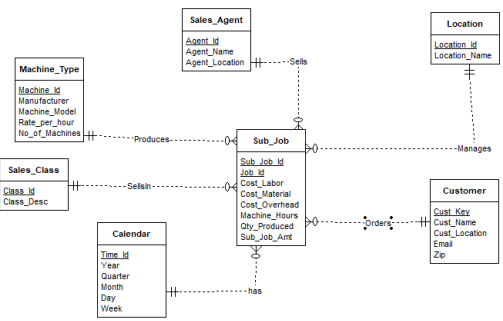
Solution 4

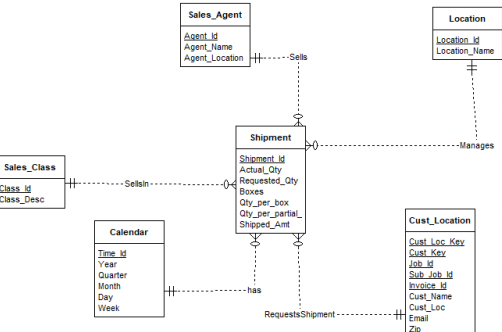
**For lead**

****

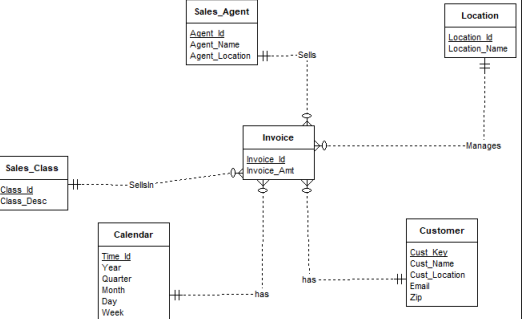
**For subjob**

****

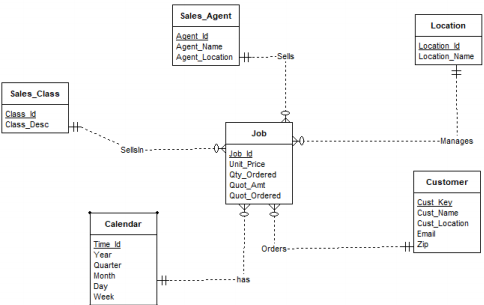
**For shipment**

****

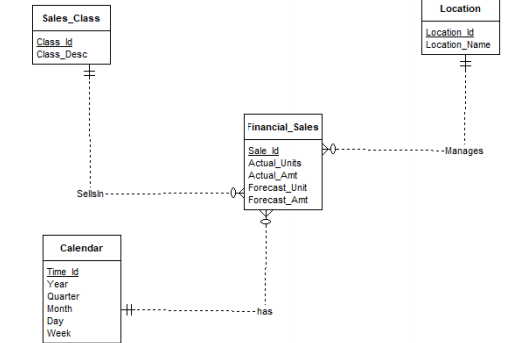
**For invoice**

****

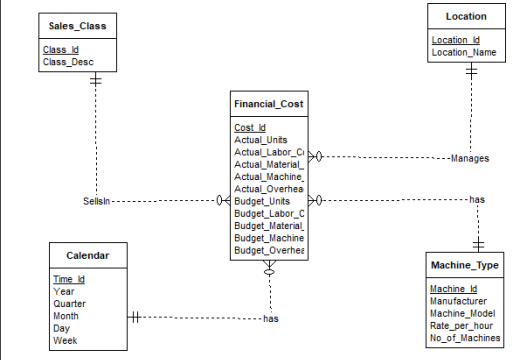
**For job**

****

**For financialsales**

****

**For financial cost**

****

|  |  |  |  |
| --- | --- | --- | --- |
| **Schema type** | **Dimension tables** | **Fact table** | **Comments** |
| Star | Calendar, Sales Class, Sales Agent, | Lead | Job\_id is included |
|  | Location, Customer |  | from the Job fact |
|  |  |  | table. Created\_date is |
|  |  |  | the relation between |
|  |  |  | this fact table and |
|  |  |  | Calender. |
| Star | Calendar, Sales Class, Sales Agent, | Sub\_Job | Job\_Id is included as |
|  | Machine Type, Location, Customer |  | the primary key as it is |
|  |  |  | an identifying |
|  |  |  | relationship. |
|  |  |  | Date\_Prod\_Begin and |
|  |  |  | Date\_Prod\_End are |
|  |  |  | the relationships with |
|  |  |  | Calendar table. |
| Star | Calendar, Sales Class, Sales Agent, | Shipment | Calendar table |
|  | Location, Cust Location |  | relationships are |
|  |  |  | Actual\_Ship\_Date, |
|  |  |  | Requested\_Ship\_Date. |
| Star | Calendar, Sales Class, Sales Agent, | Invoice | Date\_Invoiced, |
|  | Location, Customer |  | Date\_Due, |
|  |  |  | Posting\_Date are the |
|  |  |  | relationships with |
|  |  |  | Calendar. |
| Star | Calendar,,SalesClass,Sales agent,Loaction,customer | Job | Contract date,date promised,date ship by |
| Star | Calendar, Sales Class, Location | Financial\_Sales | Begin\_Date and |
|  |  |  | End\_Date are the |
|  |  |  | Calendar table |
|  |  |  | relationships. |
|  |  |  |  |
|  |  |  |  |
| Star | Calendar, Sales Class, Machine Type, | Financial\_Costs | Calendar table is |
|  | Location |  | related by Begin\_Date |
|  |  |  | and End\_Date |
|  |  |  |  |