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| ***Project Title*** **:** DATABASE FOR LEATHER FACTORY | |
| ***Submission Title* :** DATABASE FOR LEATHER FACTORY | |
| ***Submission Date* :** 16/2/2016 | |

# Data Collection and Entity Sets Identification

In Leather factory, they need to store information about the customers, suppliers from whom the raw material is bought, product details, customer billing information, Suppliers billing information and the employees working in the factory.

About Customers and Suppliers all details must be mentioned like their whereabouts , there contact nmber so as to get in touch with them. There should be a primary(unique) attribute in there information so as to identify them.

All the product details should be mentioned so as to distinguish the products for example the product\_id, Type it tells that what kind of product it is like leather jacket,purse,wallet,or belt ,Price and Brand\_name.

Employee entity gives the information about the employees working in the factory.

Entity sets

# (1) Product Details– Product\_ID, Type, Price, Brand\_Name

Here

Product\_ID is simple, single valued, primary key attribute.

Type is a multi-valued attribute as there is one or more possible value.

Price is a single valued, simple attribute.

Brand\_Name is simple, single valued attribute.

# (2) Employee

Here

Employee\_id is simple, single valued, primary key attribute.

Employee\_name is a multi-valued attribute as there is one or more possible value.

Phone\_no is a single valued, simple attribute.

Work\_field is a multi-valued attribute as there is one or more possible value.

# (3) Customer Details

Here

Customer\_id is simple, single valued, primary key attribute

Customer\_name is a multi-valued attribute as there is one or more possible value

Phone\_no is a simple, single valued attribute

Address is a multi-valued attribute as there is one or more possible value

# (4)Customer Billing

Here

Bill\_no is simple, single valued, primary key attribute

Customer\_id

Date is a multi-valued attribute as there is one or more possible value

Amount is a multi-valued attribute as there is one or more possible value

Advance\_paid is a multi-valued attribute as there is one or more possible value

Balance is a multi-valued attribute as there is one or more possible value

Mode of Payment is a multi-valued attribute as there is one or more possible value

# (5)Leather Supplier

Here

Supplier\_id is simple, single valued, primary key attribute

Suppplier\_name is a multi-valued attribute as there is one or more possible value

Contact\_no is a simple, single valued attribute.

Address is a simple, single valued attribute.

# (6)Supplier Billing

Here

Supplier\_id is simple, single valued, primary key attribute

Order\_id is a simple, single valued attribute

Material\_name is a multi-valued attribute as there is one or more possible value

Material\_Color is a multi-valued attribute as there is one or more possible value

Material\_Quantity is a multi-valued attribute as there is one or more possible value

Rate per dm is a multi-valued attribute as there is one or more possible value