EcoCrafter Creations Inc. Architecture Design

Ramya Nagabhairu

<https://github.com/Ramya154/Project-Database-Systems>

Windows

**EcoCrafter Creations Inc. Architecture Design**

**Question 1**

1. **Product**  
   Description: Represents the eco-friendly home decor and furniture items that your company crafts and sells.
   * Attributes:
     + Product ID (Data Type: Numeric)
     + Product Name (Data Type: Text)
     + Description (Data Type: Text)
     + Price (Data Type: Numeric)
     + Material Used (Data Type: Text)
2. **Craftsman/Craftswoman**  
   Description: Individuals who are responsible for creating the eco-friendly products.
   * Attributes:
     + Craftsman/Craftswoman ID (Data Type: Numeric)
     + Name (Data Type: Text)
     + Skill Set (Data Type: Text)
     + Contact Information (Data Type: Text)
     + Location (Data Type: Text)
3. **Supplier**  
   Description: Organizations or entities that provide the raw materials for your products.
   * Attributes:
     + Supplier ID (Data Type: Numeric)
     + Company Name (Data Type: Text)
     + Type of Materials Supplied (Data Type: Text)
     + Contact Information (Data Type: Text)
     + Sustainability Certification (Data Type: Boolean)
4. **Order**  
   Description: Represents customer orders for your eco-friendly products.
   * Attributes:
     + Order ID (Data Type: Numeric)
     + Customer ID (Data Type: Numeric)
     + Product(s) Ordered (Data Type: Text)
     + Order Date (Data Type: Date/Time)
     + Order Status (Data Type: Text)
5. **Location**  
   Description: The different physical locations related to your business, including headquarters and workshop sites.
   * Attributes:
     + Location ID (Data Type: Numeric)
     + Location Name (Data Type: Text)
     + Address (Data Type: Text)
     + City (Data Type: Text)
     + State (Data Type: Text)

**Question 2**

Table 1: Product

* Product ID (Data Type: Numeric)
* Product Name (Data Type: Text)
* Description (Data Type: Text)
* Price (Data Type: Numeric)
* Material Used (Data Type: Text)

Table 2: Craftsman/Craftswoman

* Craftsman/Craftswoman ID (Data Type: Numeric)
* Name (Data Type: Text)
* Skill Set (Data Type: Text)
* Contact Information (Data Type: Text)
* Location (Data Type: Text)

Table 3: Supplier

* Supplier ID (Data Type: Numeric)
* Company Name (Data Type: Text)
* Type of Materials Supplied (Data Type: Text)
* Contact Information (Data Type: Text)
* Sustainability Certification (Data Type: Boolean)

Table 4: Order

* Order ID (Data Type: Numeric)
* Customer ID (Data Type: Numeric)
* Product(s) Ordered (Data Type: Text)
* Order Date (Data Type: Date/Time)
* Order Status (Data Type: Text)

Table 5: Location

* Location ID (Data Type: Numeric)
* Location Name (Data Type: Text)
* Address (Data Type: Text)
* City (Data Type: Text)
* State (Data Type: Text)