Unconventional Housing Creations

Database part2

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Github link: <https://github.com/varunraj2023/database>

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**Part 1: Business Description and Supply Chain**

5 entities related to "Unconventional Housing Creations" and their short descriptions:

1. Pet-Friendly Housing Solutions - The core products and services offered by the company, including innovative and themed pet houses designed to cater to the comfort, safety, and entertainment needs of domesticated pets (dogs and cats). These solutions incorporate bio-safe materials, technology components, and themed accessories to create unique living spaces for pets.
2. Core Team - The group of individuals working within the company, consisting of architects, designers, engineers, customer service representatives, and sales professionals. This team is responsible for designing, manufacturing, and promoting the unconventional pet houses and ensuring the company's smooth operation.
3. Supply Chain Network - The system of sourcing and logistics that encompasses the acquisition of raw materials such as bio-safe materials (recycled plastics, organic fabrics, sustainable woods), innovative technology components, and themed accessories. This network ensures a steady supply of materials for production.
4. Network Architecture Model - A high-level representation of the company's network infrastructure, including the web server, external firewall, application server, email server, employee server, IDS/IPS server, and DBMS server. This model outlines the components and their relationships within the company's IT infrastructure, ensuring security and efficient operation.
5. Customer Base - The target market for the unconventional housing solutions, which primarily includes pet owners in the United States. The company aims to provide a range of housing options that enhance the lives of pets and make their living spaces more exciting. The customer base is vital for sales and growth, and it is crucial to understand their preferences and demands.

**Part 2:**

**Pet friendly housing solutions table**

|  |  |
| --- | --- |
| Attribute Name | Data Type |
| Product ID | Integer |
| Product Name | String |
| Product Category | String |
| Pet Type | String |
| Theme | String |
| Bio-Safe Materials | String |
| Technology Components | String |
| Themed Accessories | String |

**Core team table**

|  |  |
| --- | --- |
| Attribute Name | Data Type |
| Employee ID | Integer |
| Employee Name | VarChar(40) |
| Designation | VarChar(20) |
| Start Date | Date |
| Salary | Float |

**Supply chain network table**

|  |  |
| --- | --- |
| Attribute Name | Data Type |
| Supply Chain ID | Integer |
| Raw Material Name | VarChar(50) |
| Supplier Name | VarChar(50) |
| Quantity | Integer |
| Unit Price | Float |
| Delivery Date | Date |

**Network architecture model table**

|  |  |
| --- | --- |
| Attribute Name | Data Type |
| Network Component | VarChar(20) |
| IP Address | VarChar(20) |
| Description | VarChar(100) |

**Customer base table**

|  |  |
| --- | --- |
| Attribute Name | Data Type |
| Customer ID | Integer |
| Customer Name | VarChar(40) |
| Pet Type | VarChar(10) |
| Pet Age | Integer |
| Address | VarChar(100) |
| Phone Number | VarChar(15 |