Title of Project:  
Underground Eco-Homes for Digital Nomads

Name:  
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GitHub URL:  
[https://github.com/jethin26/Database]

SQL environment:

Windows

**Part 1: Business Description**

Our business aims to construct eco-friendly underground homes tailored for digital nomads. In an era where remote work is gaining traction, many individuals seek secluded and unique environments to enhance their productivity while still being connected digitally. These homes will be energy efficient, use sustainable materials, and offer top-notch digital connectivity.

**Estimated Company Size:**

* People: Approximately 150 employees including the main management team, supply chain managers, designers, architects, ground crew, digital infrastructure specialists, and customer service representatives.
* Locations: Headquartered in Seattle, Washington, with operations in 5 major cities across the U.S. including San Francisco, Austin, Denver, Miami, and New York.

**Supply Chain:**

1. **Raw Materials:**
   * **Rammed Earth:** For the primary construction of the homes. This sustainable material provides excellent insulation and thermal mass, making it ideal for underground constructions.
   * **Recycled Glass:** Used for windows and interior designs. Transparent sections allow for natural light penetration.
   * **Solar Panels & Lithium Batteries:** These will provide the energy needs of the homes. While underground, sections of the home's exterior exposed to sunlight will utilize these panels. The batteries store energy for nighttime use.
2. **Sources of Materials:**
   * **Rammed Earth:**
     + Local construction companies that specialize in eco-construction.
     + Earth-building workshops and communities promoting sustainable building techniques.
   * **Recycled Glass:**
     + Local recycling centers.
     + Manufacturers that specialize in sustainable construction materials.
   * **Solar Panels & Lithium Batteries:**
     + Reputable green tech companies focused on renewable energy solutions.
     + Local tech hubs and innovation centers promoting sustainable energy.
3. **Primary Office and Cities of Operation:**
   * Our primary office is located in Seattle, Washington.
   * We operate in 5 major cities: Seattle, San Francisco, Austin, Denver, Miami, and New York.

**Part 2: Network Model Diagram**

