**Big Red Inc – Housing Solutions for Martians**

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<https://github.com/adibenedetto117/DatabaseSystems-CPSC50900>

XAMPP using HeidiSQL

Part 1

Big Red Inc. is a Martian housing solution dedicated to providing housing to the needs of Martians. Our team has a dedicated crew of 150 earth engineers and Martian consultants with the goal to make every Martian feel at home on their own planet. We would like to make Mars feel like home for many of species who arrive here, far from home.

1. The 3 raw materials we will use are regolith/adobe bricks, aerogel insulation, and aluminum windows.
2. Regolith bricks would be harvested from our own compactor on Mars. This compactor would turn the Martian soil into bricks used for construction. Also, monthly shipments from a partner company would provide adobe bricks from earth to the red planet. Aerogel insulation and aluminum windows would be manufactured and imported from earth. We also have a have these materials being importuned from AeroTech Supplies located on Venus.
3. We currently only have 2 offices. Our primary company office is located at the center of the earth, to give the earth engineers an environment like the gravitation force available on mars. Our second office is located at the capital of Mars “Molympus”.

A diagram of a server

Description automatically generated

Part 2

* Material\_Suppliers – Companies that supply the construction materials needed for the housing projects.

|  |  |
| --- | --- |
| **Material\_Suppliers** |  |
| Supplier\_Name | char |
| Material\_Type | char |
| Origin\_Planet | char |

* Construction\_Materials – Different materials used in the construction process of houses.

|  |  |
| --- | --- |
| **Construction\_Materials** |  |
| Material\_Name | char |
| Quantity\_Available | Integer |
| Cost\_per\_unit | Float |

* Offices – Locations where Big Red Inc. operates throughout the soalar system.

|  |  |
| --- | --- |
| **Offices** |  |
| Office\_Location | char |
| Number\_of\_Employees | integer |
| Office\_Type | char |

* Employees – Information related to the companies’ workers.

|  |  |
| --- | --- |
| **Employees** |  |
| Employee\_ID | Integer |
| Employee\_Name | Char |
| Role | Char |

* Housing\_Projects – The different housing projects taken by the company.

|  |  |
| --- | --- |
| **Housing\_Projects** |  |
| Project\_Name | char |
| Location | Char |
| Project\_Status | char |