Phase 1 Report | CS 6400 – Fall 2017 | Team 091

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**Data Types:**

**User**

|  |  |  |
| --- | --- | --- |
| Attribute | Data Type | Allow Null |
| username | String | Not Null |
| Password | String | Not Null |
| Name | String | Not Null |
| First\_name | String | Not Null |
| Middle\_name | String | Not Null |
| Last\_name | String | Not Null |

**Rental Customers**

|  |  |  |
| --- | --- | --- |
| Attribute | Data Type | Allow Null |
| Address | String | Not Null |
| Street | String | Not Null |
| City | String | Not Null |
| State | String | Not Null |
| 9-digit Zip | Integer | Not Null |
| Phone Number | Integer | Not Null |
| Extension | Integer | Not Null |
| Area Code | Integer | Not Null |

**Clerks**

|  |  |  |
| --- | --- | --- |
| Attribute | Data Type | Allow Null |
| Clerks | String | Not Null |
| Date-of-Hire | Date | Not Null |
| Employee Number | String | Not Null |

**Tool**

|  |  |  |
| --- | --- | --- |
| Attribute | Data Type | Allow Null |
| Tool | String | Not Null |
| UniqueToolNumber | Integer | Not Null |
| Power Source | String | Not Null |
| Sub-option | String | Not Null |
| Sub-type | String | Not Null |

**Business Logic Constraints:**

**Task Decomposition (TD):**

**Abstract Code (AC):**