**Data Dictionary:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Attribute Name** | **Data Description** | **Data Type** | **Format** | **Length** | **Required?** | **PK or FK?** | **FK Referenced Table** |
| **UserLogin** | userNumber | User’s number | NUMBER | 999999-9999 | 10 | YES |  |  |
|  | UserPassword | User’s password | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  |  |  |  |  |  |  |  |  |
| **ClientCompany** | clientName | Company name | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | clientContact | Company contact | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | clientStreet | Company Street | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | clientClity | Company City | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | clientState | Company State | VARCHAR2 | XX | 2 | YES |  |  |
|  | clientZip | Company Zip code | NUMBER | XXXXX | 5 | YES |  |  |
|  | clientPhone | Company phone | NUMBER | 999-999-9999 | 10 | YES |  |  |
|  | clientType | Company work type | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  |  |  |  |  |  |  |  |  |
| **Staff** | staffNumber | Staff member number | NUMBER | XXXXXXXXXX | 10 | YES |  |  |
|  | firstName | Staff member first name | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | lastName | Staff member last name | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | staffStreet | Staff member street | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | staffCity | Staff member city | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | staffState | Staff member state | VARCHAR2 | XX | 2 | YES |  |  |
|  | staffZip | Staff member zip | NUMBER | XXXXX | 5 | YES |  |  |
|  | staffavailability | Staff availability status | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  | staffEmai | Staff member email | VARCHAR2 | XXXXXXXXXXX | 20 | NO |  |  |
|  | staffEducation | Staff member education | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  | staffExperience | Staff member experience | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  | staffSalary | Staff member salary | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  |  |  |  |  |  |  |  |  |
| **StaffRequest** | locationRequest | Location of work | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  | numberRequest | Request number | VARCHAR2 | XXXXXXXXXXX | 20 | Yes |  |  |
|  | typeRequest | Type of work | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  | educationRequest | Education | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  | salaryRequest | Salary of work | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  | statusRequest | Availability status | VARCHAR2 | XXXXXXXXXXX | 20 | YES |  |  |
|  |  |  |  |  |  |  |  |  |
| **StaffSelection** | numberRequest | Request number | NUMBER | XXXXXXXXXX | 10 | YES |  |  |
|  | locationRequest | Location of Work | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  | typeRequest | Type of work | VARCHAR2 | XXXXXXXXXX | 20 | YES |  |  |
|  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **ENTITY** | **DESCRIPTION** |
| CLIENT | The client is any one person or business entity that has access/uses the TPS eCommerce System. The client:   * Enters a staff request order into the database. * Retrieves staff request order information. * Views available staff information. |
| STAFF | The staff is any staff member, employee, or person that works for TPS. The staff member must have valid login and password to access the staff section of the TPS eCommerce System. From there the staff may:   * Create, modify, store, and retrieve personal information. * Create, modify, store, and retrieve personal resume information. * Create, modify, store, and retrieve personal photographs. |
| USER\_LOGIN | User login is where the user must enter a valid user id name or number and password in order to access the TPS eCommerce System. |
| STAFF\_REQUEST | Staff request is the order that the client has made. It will contain information desired of the potential candidates based on their experience, education, salary, location, type of work, and salary. |
| USER\_ACTIVITY | User Activity is the record of access of each user. |
| CONTRACT\_MANAGER | The contract manager is an employee that works for TPS. The contract manager must have valid login and password to access the manager section of the TPS eCommerce System. From there the contract manager may:   * Create, modify, store, and retrieve staff member personal information. * Create, modify, store, and retrieve staff member personal resume information. * Create, modify, store, and retrieve staff member personal photographs. * Create, modify, store, and retrieve client information. * Create, modify, store, and retrieve staff request orders. * View user activity. |