**DATA DICTIONARY**

A Data Dictionary is a collection of names, definitions, and attributes about data elements that are being used or captured in a database, information system, or part of a research project.

It describes the meanings and purposes of data elements within the context of a project, and provides guidance on interpretation, accepted meanings and representation.

A Data Dictionary also provides metadata about data elements. The metadata included in a Data Dictionary can assist in defining the scope and characteristics of data elements, as well the rules for their usage and application.

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| --- | --- | --- |
| **Sr no.** | **Table Name** | **Description** |
|  | **Admin** | Stores basic information of Admin. |
|  | **Location** | Stores Areas and their pincode. |
|  | **Services** | Stores service related information |
|  | **Nurse Education** | Stores Education Information |
|  | **Requested Nurses** | Stores information of nurses who wanted to get registered in system |
|  | **Experience** | Stores nurse service Experiences |
|  | **Approval Status** | Stores the approval status of requested nurse |
|  | **System Nurses** | Stores information of nurses who are approved by admin |
|  | **Nurses Selected Service** | Stores service charges of nurses |
|  | **Nurse Selected Area** | Stores information of area/location which nurse selected |
|  | **Scheduling** | Stores the information of free time slot of Nurse of a week(Every hour) |
|  | **Nurse Transaction** | Stores the Information of Nurse transaction |
|  | **User/Patient** | Stores the basic information of user/patient account |
|  | **Request\_Form** | Stores the information of services related data of user |
|  | **Multiple Services** | Contains user selected services for request form |
|  | **Accepted\_Request\_Form** | Contains service status, total payment of requested service |
|  | **Payment** | Stores Information related to payment made by user |
|  | **Login** | Stores login information of user/nurse/admin |

1. **Admin:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Admin\_email | Varchar | 255 | Primary Key | Email of Admin |
| Password | Varchar | 30 | NotNull | Login Password |
| Phone\_no | Number | 10 | NotNull | Phone number of Admin |

1. **Location:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Pincode | Number | 6 | Primary Key | Pin code of Area |
| Area Name | Varchar | 40 | NotNull | Name of Area |
| Zone | Varchar | 10 | NotNull | Zones |

1. **Services:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Sid | Number | 10 | Primary Key | Unique id for services |
| Service\_name | Varchar | 30 | Unique | Service Name |
| S\_charge | Decimal | (5,2) | NotNull | Service Charge |
| Description | Varchar | 1000 | NotNull | Description of Service |
| Photos | BLOG |  | NotNull | Photos of Service |

1. **Education:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Cid | Number | 10 | Primary Key | Unique number for course id. |
| Course\_type | Varchar | 40 | NotNull | Type of courses done by nurse.  [Degree, Diploma, Certified] |

1. **Requested Nurses:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Email | Varchar | 255 | PrimaryKey | Email id of Nurse |
| Name | Varchar | 40 | NotNull | Name Of Nurse |
| Password | Varchar | 30 | NotNull | Password of Nurse |
| Ph No | Number | 10 | NotNull | Ph No of Nurse |
| Gender | Char | 1 | NotNull | Gender of Nurse |
| Cid | Number | 10 | Foreign Key | Unique number for course id.  (**Education**) |
| Certificate | BLOB |  | NotNull | Registered Nurse or Course Certificate |
| Approval Status | Boolean |  | Foreign Key | Status of approval  [Accepted/Denied/Pending] (**Approval Status**) |

1. **Experience:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Ex\_id | Number | 10 | Primarykey | Unique number for Experience. |
| Email | Varchar2 | 255 | Foreign Key | Email id of Nurse  (**Requested Nurses**) |
| Hospital\_name | Varchar2 | 30 | NotNull | Name of hospital where nurse had done services. |
| from\_date | Date |  | NotNull | Joining Date of nurse at hospital. |
| to\_date | Date |  | NotNull | Leaving Date of nurse at hospital. |
| letter | BLOB |  | NotNull | Nurse experience letter. |

1. **Approval status:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| Email | Varchar | 255 | Foreign Key | Email id of Nurse  (**Requested Nurses**) |
| Admin\_email | Varchar | 255 | Foreign Key | Email id of Admin  (**Admin**) |
| Approval \_Status | Varchar | 20 | NotNull | Status of approval From admin  [Accepted/Denied/Pending] |
| Reason | Varchar2 | 1000 |  | Description of rejected Nurse |

1. **System Nurses:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| N\_id | Number | 10 | PrimaryKey | Nurse ID |
| Email | Varchar | 255 | Foreign Key | Email id of Nurse |
| Amount | Decimal | (5,2) | Foreign Key | Nurse Earned Money  (**Nurse Transaction**) |

1. **Nurse Selected Services:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| N\_id | Number | 10 | Foreign Key | Nurse ID  (**System Nurses**) |
| Sid | Number | 10 | Foreign Key | Unique id for services  (**Services**) |
| S\_charge | Decimal | (5,2) | NotNull | Service Charge provided by nurse |

**10) Nurse Selected Areas:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| N\_id | Number | 10 | Foreign Key | Nurse ID  (**System Nurses**) |
| Pin code | Number | 6 | Foreign Key | Pin code of nurse selected Areas  (**Location**) |

**11) Scheduling:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| N\_id | Number | 10 | Foreign Key | Nurse ID  (**System Nurses**) |
| Day | Varchar | 6 | Primary Key | Day of the Week |
| Free\_hours | Number | 5 | NotNull | Free Hours of nurse when she can provide her services. |

**12) Nurse Transaction:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| T\_id | Varchar | 40 | PrimaryKey | Transaction id of Nurse |
| N\_id | Number | 10 | Foreign Key | Nurse ID  (**System Nurses**) |
| Date | Date | - | NotNull | Date of Transaction |
| Type | Varchar | 50 | Notnull | Type of Transaction |
| T\_amount | Varchar | 30 | Notnull | Credited Amount |
| Amount | Decimal | 30 | NotNull | Nurse’s Amount |

**13) User/Patient:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Email | Varchar | 40 | PrimaryKey | Email of User |
| password | Varchar | 30 | NotNull | Login password |
| Name | Varchar | 50 | NotNull | Name of User/Patient |
| Ph No | Number | 10 | NotNull | PH no. of User |

**14) Request Form:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Request\_id | Number | 20 | Primary Key | Form ID for service request. |
| Email | Varchar | 255 | Foreign Key | Email ID of user  (**Patient**) |
| Service time | Time |  | NotNull | Time of service |
| Service Date | Date |  | NotNull | Date of service |
| Address | Varchar | 70 | NotNull | Address of User |
| Pincode | Number | 6 | Foreign Key | Pin code of Area |
| Prescription | BLOG |  | NotNull | Patient Prescription |

**15) Multiple Services:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Request\_id | Number | 20 | Foreign Key | Form ID for service request.  (**Request Form**) |
| Sid | Number | 10 | Foreign Key | Unique id for services  (**Services**) |

**16) Accepted Request Form:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Request\_id | Number | 20 | Foreign Key | Form ID for service request.  (**Request Form**) |
| N\_id | Number | 10 | Foreign Key | Nurse ID  (**System Nurses**) |
| Status | Varchar2 | 40 | NotNull | Status of Service  [Pending ,Running, expired, completed.] |
| Payment Amount | Decimal | (5,2) | NotNull | Total service charges. |

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Pay\_id | Number | 20 | Primary | Payment ID |
| Pay\_time | Date |  | NotNull | Payment Date |
| Pay\_type | Varchar2 | 20 | NotNull | Payment Type(online/offline) |
| Request\_id | Number | 20 | Foreign Key | Request id |
| N\_id | Number | 10 | Foreign Key | Nurse id |
| Pay\_status | Boolean |  | NotNull | Payment Status from 3rd party |

**17) Payment:**

**18) Login:**

| **Field Name** | **Data Type** | **Size** | **Constraint** | **Description** |
| --- | --- | --- | --- | --- |
| Email | Number | 20 | Foreign Key | User who logs- in system |
| Time | DateTime |  | NotNull | Login Time |
| IP\_address | Varchar | 20 | NotNull | IP Address of Patient, Nurse |
| Device\_Info | Number | 50 | NotNull | Login Device Information |