2.6 Data Dictionary

A data dictionary collects the names, definitions, and attributes for data elements and models. The data in a data dictionary is the metadata about the database. These elements are then used as a database, research project, or information system.

The data dictionary contains information about the following –

• Names of all the database tables and their schemas.

• Details about all the tables in the database, such as their owners, their security constraints and when they were created.

• Physical information about the tables, such as where they are stored and how.

• Table constraints such as primary key attributes, foreign key information, etc.

• Information about the visible database views.

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| **Field Name** | **Data Type** | **Field Size** | **Description** |
| User Name | VARCHAR | 12 | unique identity of user |
| Account Password | VARCHAR | 16 | user authentication field |
| User Email | VARCHAR | 24 | contact detail of user |
| Note | VARCHAR |  | Note(s) of user |
| Note date | DATE | 10 | date of construction of note |
| Task | VARCHAR |  | Task(s) of user |
| Task date-time | DATE | 10 | date of construction of task |
| Task priority | INTEGER | 1 | identifier for the urgency of task |
| Count of completed tasks | INTEGER | 3 | record of task which are completed |
| Count of zombie tasks | INTEGER | 3 | record of task which are not completed |
| Zombie Tasks | VARCHAR |  | record of task which were not completed but the completion time is passed |
| Profile Picture | VARCHAR | 4 | type of profile pic user have chosen to be displayed for him |
| Org. Code | VARCHAR | 10 | unique identity of an organization used to join users to the organization |
| Org.Name | VARCHAR | 12 | name of the organization |
| Org. Description | VARCHAR | 24 | description/about info of the organization |
| Org. Tasks | VARCHAR |  | tasks asigned my organization of its members |
| User Role | BOOLEAN | 1 | role of user to determine wheather to unlock the organization service or not |
| Completed Tasks | INTEGER | 2 | record of organization members' completed tasks |