**3G POWER**

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**E-TRASH: ONLINE WASTE REPORT COLLECTION AND MANAGEMENT SYSTEM**

**Table: UserResident**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| User\_ID | Primary key in UserResident table. | int | 55 | Yes | 1 |
| Firstname | First name of the resident user. | varchar | 255 | Yes | Czarina |
| Lastname | Surname of the resident user. | varchar | 255 | Yes | Mabutol |
| Username | Username of the resident user. | varchar | 255 | Yes | glnnkyle |
| Password | Password of the resident user. | varchar | 255 | Yes | 123456 |

**Table: Contact\_Number**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| Contactno\_ID | Primary key in Contact\_Number table. | int | 55 | Yes | 1 |
| User\_ID | Foreign key of Contact\_Number table with relation from UserResident table. | int | 55 | Yes | 1 |
| Number | Contact numbers of user. | int | 55 | Yes | 09123456789 |

**Table: Address**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| Address\_ID | Primary key in Address table. | int | 55 | Yes | 1 |
| User\_ID | Foreign key of Address table with relation from UserResident table. | int | 55 | Yes | 1 |
| House\_no | House number of resident user. | int | 55 | No | 123 |
| Street | Street address of resident user. | varchar | 255 | Yes | Maligaya |
| Barangay | Barangay address of resident user. | varchar | 255 | Yes | Bucana |

**Table: Request\_Msg**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| Request\_ID | Primary key in Request\_Msg table. | int | 55 | Yes | 1 |
| User\_ID | Foreign key of Request\_Msg table with relation from UserResident table. | int | 55 | Yes | 1 |
| Staff\_ID | Foreign key of Request\_Msg table with relation from Barangay\_Staff table. | int | 55 | Yes | 1 |
| Message | Description of complaints from the resident user. | varchar | 255 | Yes | Please consider. |
| AreaLocation | Area and/or location of complainant. | varchar | 255 | Yes | Wawa Nasugbu, Batangas |

**Table: Barangay\_Staff**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| Staff\_ID | Primary key in Barangay\_Staff table. | int | 55 | Yes | 1 |
| Firstname | First name of the resident user. | varchar | 255 | Yes | Czarina |
| Lastname | Surname of the resident user. | varchar | 255 | Yes | Mabutol |
| Username | Username of the resident user. | varchar | 255 | Yes | glnnkyle |
| Password | Password of the resident user. | varchar | 255 | Yes | 123456 |
| Barangay | Barangay address of the staff. | varchar | 255 | Yes | Tala |

**Table: Schedule\_Update**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| Schedule\_ID | Primary key in Schedule\_Update table. | int | 55 | Yes | 1 |
| Admin\_ID | Foreign key of Schedule\_Update table with relation from Admin\_Info table. | int | 55 | Yes | 1 |
| Date | Date of scheduled waste collection. | date | N/A | Yes | July 12, 2021 |
| Location | Location of requested prioritization of waste collection. | varchar | 255 | Yes | Barangay 5 Nasugbu, Batangay |
| Status | Status of requested waste collection. | varchar | 255 | Yes | Delay/ Missed/ Collected |

**Table: Admin\_Info**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| Admin\_ID | Primary key in Admin\_Info table. | int | 55 | Yes | 1 |
| Username | Username of the resident user. | varchar | 255 | Yes | glnnkyle |
| Password | Password of the resident user. | varchar | 255 | Yes | 123456 |

**Table: Notification**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| Notification\_ID | Primary key in Notification table. | int | 55 | Yes | 1 |
| Schedule\_ID | Foreign key of Notification table with relation from Schedule\_Update table. | int | 55 | Yes | 1 |
| Staff\_ID | Foreign key of Notification table with relation from Barangay\_Staff table. | int | 55 | Yes | 1 |

**Table: Priority\_Msg**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Required?** | **Example** |
| Priority\_ID | Primary key in Priority\_Msg table. | int | 55 | Yes | 1 |
| Staff\_ID | Foreign key of Notification table with relation from Barangay\_Staff table. | int | 55 | Yes | 1 |
| Message | Description of complaints from the barangay staff user. | varchar | 255 | Yes | Please consider. |
| AreaLocation | Area and/or location of complainant. | varchar | 255 | Yes | Wawa Nasugbu, Batangas |