**GARBAGEGO- DATA DICTIONARY**

Crewmember

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| Table name | Data type | Description |
| CrewID | Int | This stores a unique identifier assigned to each crew member |
| FirstName | Varchar | It represents the individual's given or personal name |
| LastName | Varchar | It represents the individual's family name. |
| PhoneNo | Int | It serves as a contact point to reach the individual via phone calls or text messages. |
| Email | Varchar | It provides a means of communication through electronic mail. |
| Address | varchar | It represents the physical location where the individual resides or receives correspondence. |

Wastecollectionreport

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| Table name | Data type | Description |
| WCRID | Int | The WCRID helps in tracking and managing the collection and disposal of waste materials. |
| OfficialStation | Varchar | OfficialStation refers to the designated facility or location where waste collection activities are managed and coordinated. |
| DistanceRoute | Varchar | DistanceRoute represents the distance covered by a waste collection route. |
| WasteVoluemeDisposed | Int | WasteVolumeDisposed refers to the quantity or volume of waste materials that have been properly disposed of or eliminated from the waste management system. |
| GTID | Int | GTID stands for Garbage Truck ID. It is a unique identifier assigned to each garbage truck or waste collection vehicle |
| TDID | Int | TDID stands for Trash Dumpster ID. It is a unique identifier assigned to each trash dumpster or waste container in a waste management system. |
| CrewID | Int | CrewID refers to the identification code or number assigned to a waste collection crew or team responsible for waste management activities. |
| LocID | Int | LocID stands for Location ID. It is a unique identifier assigned to specific locations or points within a waste management system. |

Location

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| Table name | Data type | Description |
| LocID | Int | A unique identifier assigned to a specific location for tracking and reference purposes. |
| LocationName | Varhar | The name or designation given to a particular place or area, usually representing a distinct geographical spot or establishment. |
| Addess | Varchar | The address serves as a means to locate and identify a physical location accurately. |

Completioninformation

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| Table name | Data type | Description |
| CIID | Int | It serves as a record of the completion status and contains essential details regarding the task's execution. |
| DateComplted | Date | This indicates the specific date on which the task or project was finished. |
| MaterialsUsed | Varchar | This section lists all the materials, resources, or tools utilized during the task's completion |
| TimeRequired | Datetime | This section outlines the duration or estimated time taken to complete the task. |

Garbagetruck

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| Table name | Data type | Description |
| GTID | Int | The Garbage Truck ID refers to a unique identification number assigned to a specific garbage truck for tracking and administrative purposes. |
| PlateNumber | Varchar | It serves as a unique identifier for the vehicle, allowing authorities and relevant personnel to identify and track the specific truck. |
| Truckrequired | Varchar | The truck model refers to the specific make and model of the garbage truck. |

Truckdriver

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| Table name | Data type | Description |
| TDID | ID | The unique identification number assigned to a truck driver, which helps to distinguish them from other drivers in a system or organization. |
| FirstName | Varchar | It represents the individual's given or personal name |
| LastName | Varchar | It represents the individual's family name. |
| PhoneNo | Int | It serves as a contact point to reach the individual via phone calls or text messages. |
| Email | Varchar | It provides a means of communication through electronic mail. |
| Address | Varchar | It represents the physical location where the individual resides or receives correspondence. |

Admin

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| Table name | Data type | Description |
| AdminIdD | Int | Refers to an Administration ID, which is an identifier associated with administrative personnel responsible for managing or overseeing garbage-related operations. |
| FirstName | Varchar | It represents the individual's given or personal name |
| LastName | Varchar | It represents the individual's family name. |
| PhoneNo | Int | It serves as a contact point to reach the individual via phone calls or text messages. |
| Email | Varchar | It provides a means of communication through electronic mail. |
| Address | Varchar | It represents the physical location where the individual resides or receives correspondence. |

Maintenance

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| Table name | Data type | Description |
| MaintenanceID | Int | MaintenanceID refers to a unique identifier assigned to a specific maintenance task or activity within a system or organization. |
| MDID | Int | refers to a unique identifier assigned to a specific maintenance detail or task within a maintenance management system or record-keeping system. |
| MRID | Int | it could represent an identifier or reference number assigned to a specific material or equipment needed for a particular task, project, or maintenance activity. |
| CIID | Int | It serves as a record of the completion status and contains essential details regarding the task's execution. |

Triptricket

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| Table name | Data type | Description |
| TTID | Int | refers to a unique identifier or reference number assigned to a specific trip or journey within a transportation or logistics system. |
| GarbageDepartureTime | Time | Refers to the time when garbage or waste is collected or picked up from a specific location for disposal. |
| LocationArrivalTime | Time | Represents the time when a person or a team arrives at a particular location. |
| LocationDepartureTime | Time | Indicates the time when a person or a team departs from a specific location. |
| GarbageArrivalTime | Time | Denotes the time when collected garbage or waste arrives at its intended destination, such as a recycling center or landfill. |
| TravelPorpuse | Varchar | Describes the reason or purpose behind a particular travel or trip, which may include activities related to garbage collection, maintenance, or other related tasks. |
| Date | Date | Refers to the specific calendar date on which an event, activity, or task is scheduled or occurs. |
| GTID | Int | The Garbage Truck ID refers to a unique identification number assigned to a specific garbage truck for tracking and administrative purposes. |
| TDID | Int | The unique identification number assigned to a truck driver, which helps to distinguish them from other drivers in a system or organization. |
| LocID | Int | A unique identifier assigned to a specific location for tracking and reference purposes. |
| FCID | Int | it could represent an identifier or reference number used to track and record the fuel consumption for a specific vehicle, equipment, or machinery. |
| AdminID | Int | Refers to an Administration ID, which is an identifier associated with administrative personnel responsible for managing or overseeing garbage-related operations. |
| StaffID | Int | Staff ID refers to a unique identifier assigned to an individual staff member within an organization. |

Maintenancedetail

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| Table name | Data type | Description |
| MDID | Int | refers to a unique identifier assigned to a specific maintenance detail or task within a maintenance management system or record-keeping system. |
| RequestBy | Varchar | Refers to the individual or department that initiated the request for repair or maintenance work. |
| WorkOrderNo | Int | The Work Order No is typically generated by the maintenance management system or facility management team. |
| WorkPerformedBy | Varchar | Indicates the party responsible for performing the repair or maintenance work. This could be an internal maintenance team, an external contractor, or a specific individual assigned to carry out the task. |
| DescriptionRepair/Maintenance | Varchar | This refers to a detailed explanation or summary of the repair or maintenance work that needs to be performed. |

Materialrequired

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| Table name | Data type | Description |
| MRID | Int | it could represent an identifier or reference number assigned to a specific material or equipment needed for a particular task, project, or maintenance activity. |
| Quantity | Int | Quantity refers to the numerical value or amount of a specific item or material required for a task, project, or maintenance activity. |
| UnitOfIssue | Varchar | Unit of Issue denotes the standardized unit in which the item or material is measured or distributed. |
| Item | Varchar | The item refers to the specific product, material, or equipment that is required for the task or maintenance activity. |
| StockNo | Int | Stock Number, also known as Stock Keeping Unit (SKU), is a unique identifier assigned to a specific item within an inventory or stock management system. |
| Cost | Int | Cost refers to the monetary value associated with acquiring or procuring the item or material. It represents the price or expenditure incurred to obtain the required quantity of the item. |

Fuelconsumption

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| Table name | Data type | Description |
| FCID | Int | it could represent an identifier or reference number used to track and record the fuel consumption for a specific vehicle, equipment, or machinery. |
| FuelType | Varchar | Fuel Type refers to the specific type or grade of fuel being used for a vehicle, equipment, or machinery. |
| TankBalance | Int | Tank Balance represents the remaining amount or quantity of fuel in a vehicle or equipment's tank at a given point in time. |
| FuelPurchased | Int | Fuel Purchased refers to the quantity of fuel acquired or added to the tank. |
| FuelDeduct | Int | Fuel Deduct refers to the amount of fuel that has been subtracted or deducted from the tank balance. |
| EndTripTankBalance | Int | End Trip Tank Balance represents the remaining fuel level in the tank after completing a trip or task. |

Menrostaff

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| Table name | Data type | Description |
| SatffID | Int | Staff ID refers to a unique identifier assigned to an individual staff member within an organization. |
| FirstName | Varchar | It represents the individual's given or personal name |
| LastName | Varchar | It represents the individual's family name. |
| PhoneNo | Int | It serves as a contact point to reach the individual via phone calls or text messages. |
| Position | Varchar | It provides a means of communication through electronic mail. |
| Email | Varchar | It represents the physical location where the individual resides or receives correspondence. |
| Address | Varchar | It represents the individual's given or personal name |