Data Dictionary

**Driver Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute Name** | **Description** | **Data Type** | **Key Field** | **Constraint** | **Example** |
| Driver\_id | Unique identifier for each driver | Integer | PK | Primary Key (Not Null) | 2024 |
| Driver\_name | Name of the driver | Text |  | Not Null | Bill Dove |
| Driver\_contact | Contact information of the driver | Text |  | Not Null, Unique | +02902504768 |

A driver table is the primary table used in a join operation to retrieve data from other related tables. A table which will keep the record of each driver-id, name and their contact number.

**Bus Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute Name** | **Description** | **Data Type** | **Key Field** | **Constraint** | **Example** |
| Bus\_id | Unique identifier for each bus | Integer | PK | Primary Key (Not Null) | 1 |
| Bus\_plate\_no | License plate number of the bus | Text |  | Not Null, Unique | AB-0453 |
| Bus\_model | Model of the bus | Text |  | Not Null | Volvo X90 |
| Route\_id | Foreign key linking to Route table | Integer | FK | Foreign Key | 22N |

A bus table is used to store information about buses in a bus management system. A table where all the bus’s records will be stored such as its bus-id, number plate and when its built and route as well.