|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TICKET** | **DESCRIPTION** | | | | |
| TICKET | The Ticket entity includes Ticket information like Ticket ID, Date, Starting Point, Ending Point, Time and Bus Stop id as foreign key. | | | | |
| **Field Name** | **Description** | **Data type** | **Key field** | **Constraints** | **Example** |
| TICKET\_ID | The Ticket Id of the Ticket | Text | PK | NOT NULL | B123 |
| STARTING\_ POINT | Starting Point of your Journey | Text |  | NOT NULL | Lyon Avenue |
| ENDING\_ POINT | Ending Point of your Journey | Text |  | NOT NULL | New Lynn |
| TIME | The Fare of the journey | Integer |  | NOT NULL | 10 |
| BUS\_STOP ID | The Date of Travel | Integer | FK | NOT NULL | 12-06-2024 |
| PASSENGER\_ID | Unique Id for passenger | Integer | FK |  | 0000 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ROUTE** | **DESCRIPTION** | | | | |
| ROUTE | The Ticket entity includes Ticket information like Route ID, Destination, Destination, Distance etc. | | | | |
| **Field Name** | **Description** | **Data type** | **Key field** | **Constraints** | **Example** |
| ROUTE\_ID | The ID of that Particular Route | Integer | PK | NOT NULL | 101 |
| DESTINATION | The Last Stop of that Particular Bus | Text |  | NOT NULL | Lyon Avenue |
| DISTANCE | Distance of that Route | Integer |  | NOT NULL | 3 km |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SCHEDULE** | **DESCRIPTION** | | | | |
| SCHEDULE | The Schedule entity includes Ticket information like Schedule ID, Route id and Bus Stop Id as foreign keys. | | | | |
| **Field Name** | **Description** | **Data type** | **Key field** | **Constraints** | **Example** |
| SCHEDULE\_ ID | The Schedule of the Bus | Text | PK | NOT NULL | SC678 |
| ROUTE\_ID | The ID of that Particular Route | Integer | FK | NOT NULL | 101 |
| BUS STOP\_ ID | The Bus Stop Id of the Bus Stop | integer | FK | NOT NULL | 0001 |