**Cosmos DB Design documentation**

**Order Tracking System**

**INTRODUCTION:**

This document gives the Cosmos DB design of the tables and the structure of each tables which is going to be used in the application.

**OVERVIEW:**

The order tracking system application is a logistics application for the purchase orders. In this application we will use three tables to store the datas such as **customer**, **itemorder**, **products**, **ordertracking**. And in this document, we will have a detailed view about the tables structure and properties.

**TABLE STRUCTURE**:

Table name: **customer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Column type** | **Column length** | **Key** |
| customer\_id | int | 50 | Primary key |
| customer\_name | varchar | 100 | - |
| mobile\_number | int | 50 | - |
| email | varchar | 100 | - |
| address | Varchar | max | - |
| city | varchar | 100 | - |
| pincode | nvarchar | 10 | - |

Table name: **itemorder**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Column type** | **Column length** | **Key** |
| order\_number | int | 50 | Primary key |
| customer\_id | int | 50 | Foreign key |
| order\_date | datetime | 20 | - |
| product\_id | varchar | 50 | Foreign key |
| origin\_id | int | 50 | - |
| destination\_id | int | 50 | - |
| current\_order\_status | varchar | 100 |  |

Table name: **products**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Column type** | **Column length** | **Key** |
| product\_id | varchar | 50 | Primary key |
| product\_category | varchar | 100 | - |
| product\_description | nvarchar | max | - |
| product\_name | varchar | 100 | - |

Table name: **ordertracking**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Column type** | **Column length** | **Key** |
| order\_number | int | 50 | Foreign key |
| tracking\_id | int | 50 | Primary key |
| order\_status | varchar | 50 | - |
| last\_updated\_date | datetime | 20 | - |