**Project: Compucom Tracker)**

**Project ID: CSL/13/SW/Web/OS/004**

**Database Schema**

**Author: Rajesh Kumar Arora**

**Reviewed By: Manoj Agrawal**

**Revision History**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Ver.** | **Date** | **Author** | **Reviewed by** | **Reason** |
| 1 | Draft | 20/12/2017 | VaibhavMathur | Rajesh Kumar Arora | New Document |
| 2 | Draft | 20/01/2017 | VaibhavMathur | Rajesh Kumar Arora | New table schema |
| 3 | 1.0 | 05/02/2014 | Rajesh Kumar Arora | Manoj Agrawal | Improvement |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**User Management**

1. **gpslocations**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Datatype** | **Size** | **Nulls?** | Constraints | | **Description** |
| GPSLocationID | int | 10 | No | PK | | Auto |
| lastUpdate | timestamp |  | No |  | |  |
| latitude | decimal | 10, 7 | No | |  |  |
| longitude | decimal | 10, 7 | No | |  |  |
| phoneNumber | Varchar | 50 | No | | Index |  |
| userName | Varchar | 50 | No | | Index |  |
| sessionID | Varchar | 50 | No | | Index |  |
| speed | int | 10 | No | |  |  |
| direction | int | 10 | No | |  |  |
| distance | decimal | 10, 1 | No | |  |  |
| gpsTime | timestamp |  | No | |  |  |
| locationMethod | Varchar | 50 | No | |  |  |
| accuracy | Int | 10 | No | |  |  |
| extraInfo | Varchar | 255 | No | |  |  |
| eventType | Varchar | 50 | No | |  | Time of Creation/updation of the record |

1. **pt\_position**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Datatype** | **Size** | **Nulls?** | Constraints | | **Description** |
| Id | int | 11 | No | PK | | Auto |
| Unit\_id | int | 11 | No | Index | |  |
| datetime | datetime |  | No |  | |  |
| datetime\_received | datetime |  | No |  | |  |
| lat | double |  | No |  | |  |
| lon | double |  | No |  | |  |
| alt | double |  | No |  | |  |
| deg | double |  | No |  | |  |
| speed\_km | double |  | No | |  |  |
| speed\_kn | double |  | No | |  |  |
| sattotal | int |  | No | |  |  |
| fixtype | int | 11 | No | |  |  |
| raw\_input | tinytext | 11 | No | |  |  |
| hash | char | 32 | No | |  | Time of Creation/updation of the record |

1. **pt\_position\_unreguser**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Datatype** | **Size** | **Nulls?** | Constraints | | **Description** |
| id | int | 10 | No | PK | | Auto |
| user\_entry | char | 25 | No |  | |  |
| datetime | datetime |  | No | |  |  |
| datetime\_received | datetime |  | No | |  |  |
| lat | double |  | No | |  |  |
| lon | double |  | No | |  |  |
| alt | double |  | No | |  |  |
| deg | double |  | No | |  |  |
| speed\_km | double |  | No | |  |  |
| speed\_kn | double |  | No | |  |  |
| sattotal | Int | 11 | No | |  |  |
| fixtype | Int | 11 | No | |  |  |
| raw\_input | tinytext |  | No | |  |  |
| hash | char | 32 | No | |  | Time of Creation/updation of the record |

1. **pt\_unit**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Datatype** | **Size** | **Nulls?** | Constraints | | **Description** |
| id | int | 4 | No | PK | | Auto |
| user\_id | int | 4 | No | Index | |  |
| name | tinytext |  | No | |  |  |
| imei | tinytext |  | No | |  |  |
| password | char | 32 | No | |  |  |
| icon | int | 11 | No | |  |  |
| linecol | int | 11 | No | |  | Time of Creation/updation of the record |

1. **pt\_user**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Datatype** | **Size** | **Nulls?** | Constraints | | **Description** |
| id | int | 11 | No | PK | | Auto |
| name | tinytext |  | No |  | |  |
| username | tinytext |  | No | |  |  |
| password | Varchar | 32 | No | |  |  |
| timezone | tinytext |  | No | |  |  |
| pcacredit | int |  | No | |  |  |
| registered | datetime |  | No | |  |  |
| lastlogin | datetime |  | No | |  |  |
| usergroup | int | 1 | No | |  |  |
| nonactive | int | 1 | No | |  | Time of Creation/updation of the record |