# Database

Following data structures would be maintained in Mongo DB.

|  |  |  |
| --- | --- | --- |
| **ClientMaster** | | |
| client\_id | Int | Primary Key |
| Ctype | Int | 0 – Retail; 1 – Corporate |
| Clinetname | String | Corporate Name or the retail the person who is signing up will be the cname |
| Address1 | String |  |
| Address2 | String |  |
| Cityname | String |  |
| Countryname | String |  |
| Status | Int | 0 – Active ; 1 - Inactive |
| Zipcode | String |  |
| Cdate | Date | Created date |

|  |  |  |
| --- | --- | --- |
| **userMaster** | | |
| user\_id | Int | Primary Key |
| Fname | String |  |
| Lname | String |  |
| Emailed | String | Used for login |
| Password | String |  |
| Client\_id | Int | Reference from ClientMaster |
| Role\_id | Int | Reference from RoleMaster |
| Status | Int | 0 – Active ; 1 – Inactive |
| Contactnumber | String |  |
| Gender | Int | optional |
| Profilepic | String | Path of the profile pic |
| Fbid | String | Unique id given by Facebook |
| Gpid | String | Unique id given by Gplus |
| Cdate | Date | Created date |

|  |  |  |
| --- | --- | --- |
| **rolesMaster** | | |
| role\_id | Int | Primary Key |
| Rolename | String |  |
| Status | Int | 0 – Active ; 1 – Inactive |

|  |  |  |
| --- | --- | --- |
| **DeviceMaster** | | |
| device\_id | Int | Primary Key |
| Devicename | String |  |
| Deviceuid | String | Unique id of the device. Like IMEI |
| Client\_id | Int | Reference from clientMaster |
| Status | Int | 0 – Active ; 1 – Inactive |
| Description | Text | Optional |
| Cdate | Date | Created date |
| **Devicerights**  **Who can access the data for this specific device. Defined by the admin.** | | |
| Dmid | Int | Primary Key |
| device\_id | Int | Ref from deviceMaster |
| Userid | Int | Ref from user |
| Cdate | Date | Created date |

|  |  |  |
| --- | --- | --- |
| **Deviceparameters** | | |
| Dpid | Int | Primary Key |
| device\_id | Int | Ref from deviceMaster |
| pname | String | The exact code that need to be captured and sent to the server. Latitude, longitude etc.. |
| Status | Int | 0 – Active ; 1 – Inactive |

|  |  |  |
| --- | --- | --- |
| **Parametervalues** | | |
| Pid | Int | Primary Key |
| dpid | Int | Ref from Deviceparameters |
| Pvalue | String |  |
| Udate | Date | Uploaded date and time |

# Web services

Following web services needed for the mobile application

|  |  |
| --- | --- |
| **userLogin** | |
| Input Parameters | Emailid  Password |
| Response | Clientid  Roleid  userid |
| Exceptions | 0 – Success  1 – Invalid Username / Password |

|  |  |
| --- | --- |
| **getAllDevices** | |
| Input Parameters | Userid |
| Response | Devicename  deviceid  Deviceuid |

|  |  |
| --- | --- |
| **Getdevicedetails** | |
| Input Parameters | Deviceid |
| Response |  |