**Documentation**

1. **Create project in pycharm with name $<project\_name>$**
2. **Using pip install openpyxl, pymysql, opencv using the following comments respectively**

* **pip install openpyxl**
* **pip install pymysql**
* **pip install opencv**
* **pip install tensorflow**

1. **Data Collections: Use excel sheets and collect information related to all users who have vehicle access to for a particular place**
2. **Data Cleaning: Parse out all the fields in the collected data and check if there is any inconsistent or missing data This step can be done in two different ways**
   * + - 1. **Manually verify through human labour**
         2. **Use a python script to check for inconsistent data**
3. **Data base creation:** 
   * 1. **Create database with name: Project\_work**
     2. **Now create tables with following names:**
        1. **Users (user\_id,reg\_no,car\_model,name,dept\_id)**
        2. **Log table(reg\_no,time,date)**
        3. **Dept table(dept\_id,dept\_name)**
        4. **Intruders table(reg\_no,time,date,track\_id,pic)**
4. **Data Dump:**
   * 1. **Dump the data from excel sheets to the database using pymysql**