TASK\_1 - UIL INTERNSHIP

CREATING A MASTER LIST OF PLACES AND STREETS NAMES

short line

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21st MAY -

# Introduction

The main objective of this [sub - task\_1](https://docs.google.com/document/d/1xBdDk2o-jzgqWksLf17CPXh4TQ01QK-zIE0KRihln7Y/edit#) is to obtain a master list of places names and street names in Bangalore city to help in creation of an enterprise map of Bangalore under [PEAK Project](http://www.peak-urban.org/mapping-bangalores-industrial-transformation/) .The master list can be used in further tasks for cross validation of addresses of industries, address standardisation and for Spatial Analysis of data collected using [Geocoding](https://en.wikipedia.org/wiki/Geocoding) and other methods .

The final outcome of the task is expected to be of the form :

Table 1 :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **id** | **name** | **type** | **latitude** | **longitude** | **source** |
| 1 | Bashyam Circle | Place |  |  | BBMP |
| 2 | 16th Cross, Sadashivanagar | Street |  |  | BBMP |
| 3 | Sadashivanagar | Place |  |  | BBMP |

Table 2 :

|  |  |  |
| --- | --- | --- |
| **id** | **alternative\_name** | **source** |
| 3 | Sadasivanagar | web |
| 3 | Sadashivnagar | web |
| 3 | Sadashiva Nagar | web |

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# Tasks

1. Identify the sources for names of streets and places.
2. Finding suitable method to geocode the places to latitudes and longitudes.
3. Choosing suitable algorithm to maintain the alternate name attribute in table 2