**Product Backlog – TEAM 2**

We have been asked by an organization to develop a system that allows an easy access to the population information on an SQL database provided by this organization. Making use of this database we are asked to generate different kinds of reports.

* Creation of different structure of columns depending on the kind of report required from the four possible.

1. Country report: which requires the columns: code, name, continent, region, population, capital. For this kind of report, we will need to satisfy the tasks of showing:

* All the countries in the world organised by largest population to smallest.
* All the countries in a continent organised by largest population to smallest.
* All the countries in a region organised by largest population to smallest.
* The top N populated countries in the world where N is provided by the user.
* The top N populated countries in a continent where N is provided by the user.
* The top N populated countries in a region where N is provided by the user.

1. City report: which requires the columns: name, country, district, population. And the tasks that we need to do are showing:

* All the cities in the world organised by largest population to smallest.
* All the cities in a continent organised by largest population to smallest.
* All the cities in a region organised by largest population to smallest.
* All the cities in a country organised by largest population to smallest.
* All the cities in a district organised by largest population to smallest.
* The top N populated cities in the world where N is provided by the user.
* The top N populated cities in a continent where N is provided by the user.
* The top N populated cities in a region where N is provided by the user.
* The top N populated cities in a country where N is provided by the user.
* The top N populated cities in a district where N is provided by the user.

1. Capital City report: which requires the columns: name, country, population. The tasks at hand being showing:

* All the capital cities in the world organised by largest population to smallest.
* All the capital cities in a continent organised by largest population to smallest.
* All the capital cities in a region organised by largest to smallest.
* The top N populated capital cities in the world where N is provided by the user.
* The top N populated capital cities in a continent where N is provided by the user.
* The top N populated capital cities in a region where N is provided by the user.

1. Population report: which columns will show the name of the continent/region/country, the total population of the continent/region/country, the total population of the continent/region/country living in cities (including a %) and the total population of the continent/region/country not living in cities (including a %). The tasks at hand are showing:

* The population of people, people living in cities, and people not living in cities in each continent.
* The population of people, people living in cities, and people not living in cities in each region.
* The population of people, people living in cities, and people not living in cities in each country.

Plus, some additional tasks:

* Access to the population of the world, the population of a continent, the population of a region, the population of a country, the population of a district, the population of a city.
* Provide the number of people who speak the languages (Chinese, English, Hindi, Spanish and Arabic) from greatest number to smallest, including the percentage of the world population.