**User Stories for Each Report Type**

**1. Country Reports**

* **As an** organisation user, **I want** to view all countries in the world ordered by population from largest to smallest, **so that** I can understand worldwide population distribution.
* **As an** organisation user, **I want** to view all countries in a region organized by population from largest to smallest, **so that** I can understand regional population distribution.
* **As an** organisation user, **I want** to view all countries in a continent organized by population from largest to smallest, **so that** I can understand continental population distribution.
* **As an** organisation user, **I want** to view the top N most populated countries in the world, where N is provided by the user **so that** I can understand global population distribution.
* **As an** organisation user, **I want** to view the top N most populated countries in a continent, where N is provided by the user **so that** I can understand continental population distribution.
* **As an** organisation user, **I want** to view the top N most populated countries in a region, where N is provided by the user **so that** I can understand regional population distribution.

**2. City Reports**

* **As an** organisation user, **I want** to view all the cities in the world ordered by population from largest to smallest, **so that** I can understand global population distribution.
* **As an** organisation user, **I want** to view all the cities in a continent organized by population from largest to smallest, **so that** I can understand continental population distribution.
* **As an** organisation user, **I want** to view all the cities in a region organized by population from largest to smallest, **so that** I can understand regional population distribution.
* **As an** organisation user, **I want** to view all the cities in a country organized by population from largest to smallest, **so that** I can understand its population distribution.
* **As an** organisation user, **I want** to view all the cities in a district organized by population from largest to smallest, **so that** I can understand its population distribution.
* **As an** organisation user, **I want** to view the top N most populated cities in the world, where N is provided by the user **so that** I can understand worldwide population distribution.
* **As an** organisation user, **I want** to view the top N most populated cities in a continent, where N is provided by the user **so that** I can understand continental population distribution.
* **As an** organisation user, **I want** to view the top N most populated cities in a region organized by population from largest to smallest, **so that** I can understand regional population distribution.
* **As an** organisation user, **I want** to view the top N most populated cities in a country, where N is provided by the user **so that** I can understand its population distribution.
* **As an** organisation user, **I want** to view the top N most populated cities in a district, where N is provided by the user **so that** I can understand its population distribution.

**3. Capital City Reports**

* **As an** organisation user, **I want** to view all the capital cities in the world ordered by population from largest to smallest, **so that** I can understand global population distribution.
* **As an** organisation user, **I want** to view all the capital cities in a continent organized by population from largest to smallest, **so that** I can understand continental population distribution.
* **As an** organisation user, **I want** to view all the capital cities in a region organized by population from largest to smallest, **so that** I can understand regional population distribution.
* **As an** organisation user, **I want** to view the top N most populated capital cities in the world, where N is provided by the user **so that** I can understand worldwide population distribution.
* **As an** organisation user, **I want** to view the top N most populated capital cities in a continent, where N is provided by the user **so that** I can understand continental population distribution.
* **As an** organisation user, **I want** to view the top N most populated capital cities in a region, where N is provided by the user **so that** I can understand its population distribution.

**4. Population Reports**

* **As an** organisation user, **I want** to view population of people living in cities vs. people not living in cities in each continent **so that** I can understand urbanization trends.
* **As an** organisation user, **I want** to view population of people living in cities vs. people not living in cities in each region **so that** I can understand urbanization trends.
* **As an** organisation user, **I want** to view population of people living in cities vs. people not living in cities in each country **so that** I can understand urbanization trends.
* **As an** organisation user, **I want** to view total population of the world, **so that** I can understand the population distribution.
* **As an** organisation user, **I want** to view total population of a continent, **so that** I can understand the population distribution.
* **As an** organisation user, **I want** to view total population of a region, **so that** I can understand the population distribution.
* **As an** organisation user, **I want** to view total population of a country, **so that** I can understand the population distribution.
* **As an** organisation user, **I want** to view total population of a district, **so that** I can understand the population distribution.
* **As an** organisation user, **I want** to view total population of a city, **so that** I can understand the population distribution.

**5. Language Reports**

* **As an** organisation user, **I want** to view the total number of people who speak Chinese, **so that** I can analyse language demographics.
* **As an** organisation user, **I want** to view the total number of people who speak English, **so that** I can analyse language demographics.
* **As an** organisation user, **I want** to view the total number of people who speak Hindi, **so that** I can analyse language demographics.
* **As an** organisation user, **I want** to view the total number of people who speak Spanish, **so that** I can analyse language demographics.
* **As an** organisation user, **I want** to view the total number of people who speak Arabic, **so that** I can analyse language demographics.
* **As an** organisation user, **I want** to see what percentage of the world population speaks each of these languages ordered from largest to smaller, **so that** I can analyse language demographics.

**Conditions of Satisfaction**

* The system requires the user to enter a positive integer value for N.
* In case N is larger that total number of countries in the database, the system returns all the countries.
* Response time should be acceptable (reports should be produced within 5 secs max).
* The country report includes the columns: Code, Name, Continent, Region, Population and Capital.
* The city report includes the columns: Name, Country, District and Population.
* The capital city report includes the columns: Name, Country and Population.
* The population report includes the columns: Name of continent/region/country, total population, total population living in cities (including a %), total population not living in cities (including a %).
* If database unavailable or query fails, display appropriate error message.