**Use case:** Produce a report on capital cities

**Goal in Context**

**As a** customer of the company  
**I want** to generate a range of reports that include requested statistics about a given capital city  
**So that** I can access and utilise this data at any time

**Scopes**

The company.

**Level**

Primary task.

**Preconditions**

Database contains sufficient and accurate data for capital cities in each country of the world.

Java application has access to this data through SQL queries.

Requested data can be pulled through and displayed on a web application.

**Success End Condition**

The customer has the ability to generate one or more of these reports:

* 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.

**Failed End Condition**

The customer cannot generate any of the above reports.

**Primary Actor**

The customer.

**Trigger**

A customer selects a report from a list of options, button press to confirm, which then submits the request.

**Main success scenario**

Correct information from the database is successfully retrieved.

Requested data is sent to the front-end and displayed in the correct format within the User Interface.

**Extensions**

N/A.

**Sub-variations**

N/A.

**Schedule**

Version 1.0 (official release)