# Capstone project

### Problem & background

Recently I visited Gent, one of the biggest and most visited cities in Belgium. I was wondering how similar or dissimilar this city is from the city I live in Antwerp. From visiting Gent, I felt it was a bit like Antwerp, but I want to check if this feeling is right.

The analysis of this problem can be of interest to those who want to choose between visiting either Antwerp or Gent. The **stakeholders** will typically be tourist that are visiting Belgium or Europe and do not have time to visit both cities.

### Data

We can compare these cities by clustering their neighborhoods by type of venues, by using the foursquare API, and comparing the resulting clusters. The API offers real-time access to Foursquare’s global database of rich venue data and user content. We can also use the foursquare API to compare to most common venues in both cities.