# Information Visualization

# CHECKPOINT I: Visualization Proposal

G21

**1. Domain**

ERASMUS is a European Union program which supports students to study at a school abroad for a certain time. Students can pick their destination from a list of partner schools offered by their school (there must exist some agreement between the home and the partner school).

This work is dealing with the movements of international students within the ERASMUS program. More precisely it explores the reasons why students pick their ERASMUS destination. It does not involve the possibility that students can’t pick their partner school but their partner school is assigned to them.

The visualisation of those reasons can help future ERASMUS students to decide which country is the best for them. It also can be useful for schools and countries which participate in the ERASMUS program (for example schools can see popular destination and can try to conclude new agreements with schools from this destination).

**2. Dataset**

Dataset description:

* Which dataset will you be using?
* How will you obtain such data? Is there an available dataset (URL) or are you gathering it yourself (how, what sources, what effort involved?)
  + - 1. **3. Example Questions**

1. The work will try to answer basic questions about the reasons why students pick their final ERASMUS destination. It will try to discover if there exist any patterns in selected areas (for example gender).
2. Which countries are popular for being an Erasmus destination? Is there any difference between bachelor and master degrees?
3. What is the flow of students doing Erasmus between countries?
4. Does distance from the home country to the Erasmus country matter?
5. How does difference in cost of living in home and Erasmus country effect the final selection?
6. Do students prefer countries with a language from the same language family as the language from their home country?
7. Does gender effects the choice?

**4. Data Sample**

Some examples of data that show that the above are possible and adequate

Ex:

(from “xpto.csv”)

year; name; cost; rating

2012; Potatoes; 12000; 4