

# REQUIREMENTS EVALUATION



Module II



Course

Infographic



Topic

Design process  
and visual  
design basics in  
UX



Lesson 2

## Activity

- **Short Description:** Collaborative evaluation of the requirements of an information visualization about a natural or cultural asset of a city individually identified in the activities T1.L1.1 and T1.L1.2.
- **Methodology:** The methodology of this activity is based on learning by experience and collaborative learning, since by sharing outcomes and evaluating with people the results of their individual works, the learners apply a User-Centered Design approach, reinforce their knowledge on the learning topic and improve their communication skills.
- **Duration:** 3 hours
- **Difficulty (high - medium - low):** Medium
- **Individual / Team:** Team (first in pairs and then all together in class)
- **Classroom / House:** Classroom
- **What do we need to do this activity?**
  - **Hardware** None.
  - **Software** None.



- **Other resources** pen, sheet (optional)

## Description

- **Text description:** Based on Activity T1.L1.2, each student, in turn, carries out a short interview with a classmate to understand which requirements he/she identified and if they have been defined correctly. Then they briefly report their conclusions and thoughts to the class (especially doubts or conflicting ideas).
- **Illustration:** None

## Instructions

1. Create groups of two classmates.
2. Each student asks his/her classmate what product or service visualizing information about a natural or cultural asset of a city he/she identified.  
What is it? What is the natural or cultural asset of the city (e.g. museum, exhibition, natural park, monument, building, event, performance, etc.) interested by the visualization? Which channel (e.g. website, mobile app, digital or printed information panel, etc.) is used to deliver the product or service?
3. Then he/she asks who the users are and what is the context of use.  
Who are the users interested in the natural or cultural asset of the city that you intend to analyze? Which are their interests, skills (e.g. visual literacy), and behaviours? What are their goals? Where and when the information visualization is used by the users? Are there any constraints deriving from where and when the information visualization will be used?
4. Lastly, he/she asks to present the requirements of the identified information visualization by linking them to the users' wants and needs and to the effective functions and features of the system (or static infographic). They can use the statements about the users' needs and requirements created in T1.L1.2.
5. They briefly discuss the correctness of the outcomes (what do they agree on, what do they disagree on and why?).
6. Flip the roles and repeat the interview.
7. Finally, each pair briefly reports their conclusions and thoughts to the class (especially doubts or conflicting ideas).

## Expected outcomes

- Learn to evaluate the correctness of the requirements defined to design a system according to the users' wants and needs.
- Learn how to create an adequate user experience.
- Understand the User-Centered design way of thinking about a product, system or information visualization.
- Conduct and take part in a group discussion about the results and key insights gathered during the User-Centered Design process.

## This activity can be used in other (module, course, topic, lesson):

- **Module II, Course Infographic, Topic 2, Lesson 3**



- **Module II, Course Infographic, Topic 2, Lesson 4**

**DIGICOMP (Competences developed):**

- 1. INFORMATION AND DATA LITERACY**
  - 1.1 *Browsing, searching and filtering data, information and digital content*
  - 1.2 *Evaluating data, information and digital content*
- 5. PROBLEM SOLVING**
  - 5.2 *Identifying needs and technological responses*
  - 5.3 *Creatively using digital technologies*

**ENTRECOMP (Competences developed):**

- 1. IDEAS AND OPPORTUNITIES**
- 3. INTO ACTION**
  - 3.4 *Working with others*
  - 3.5 *Learning through experience*

**Example (when necessary): None**

