SELI CONTENT MANAGEMENT SYSTEM (SELI CMS)

Specification of Requirements

1. The language of the CMS must be selected.
2. The course editor will consider four options:
    a. Course information
    b. Tutor information
    c. Requirements
    d. Program
3. The course information will contain the following fields:
    a. Course title
    b. Course subtitle
    c. Course category
    d. Course image
    e. Estimated time
    f. Course description
    g. Course objectives
    h. Course syllabus
    i. Modality and methodology
4. The tutor information will contain the following fields:
    a. Teacher name
    b. Short Biography
    c. Google profile
    d. Personal Web site
    e. E-mail
    f. Phone
5. The requirements of the course will contain the following fields:
    a. Knowledge requirements
    b. Technical requirements
    c. The persons to whom is directed the course
6. The program of the course will contain the following fields:
    a. Unit/Chapter/Section name
    b. Each unit / section will contain a group of lessons with its corresponding name and objectives.
    c. The type of content of each lesson may include:
        ▪ Text and image
        ▪ Video
        ▪ Presentation
        ▪ Animation
        ▪ Upload File
        ▪ HTML embed
7. The type of content referred to text and image will contain a WYSIWYG (What you see is what you get) editor.
8. The type of content referred to video
9. The type of content referred to the video will be uploaded to the CMS, where the YouTube development kit could be used by creating a channel on YouTube and the video caption editor Aegisub could also be used for the video captioning process for the user accessibility.
10. In the type of content referred to the presentations it can upload PowerPoint presentations and presentations made with the H5P author tool embedding the presentation code in an HTML file, for which you need to create the presentation on the platform H5P in a personal channel belonging to the teacher.

11. In the type of content referred to animations, it can upload 2D animations created in tools such as GSAP that allows to create storytelling applications and it can also upload 3D animations created in tools such as Blender and UNITY compiled on WebGL.
12. In the content referred to File it can upload files of type .ppt, .pdf and type .zip.
13. In the content referred to HTML embed it can embed HTML code with JavaScript corresponding to different Websites.
14. In the section corresponding to learning activities it can work with the author tool of H5P embedding the activities, for which you need to create learning activities on the H5P platform in a personal channel of the teacher.
15. In the section corresponding to test/quiz it can create multiple-choice tests with a single option.