Domain / Field : IT / User Experience	Project number *(to be completed by ECPkn)* ***PIC-XX***

Project title :
Making Frogans as a medium more accessible to people with disabilities
Part B: publication of content

Project description :
At the beginning of the 1990s, a medium for publishing content and services was introduced on the Internet: the World Wide Web. This medium suggests publishing content and services which involve text-based communication, long pages, and complex user interfaces.

Today, a new medium for publishing content and services is being introduced on the Internet: Frogans. This medium suggests publishing content and services which involve visual communication, focused content, and natural interaction. Frogans enables a new kind of communication between end users and publishers of content and services. Frogans is not meant for publishing Web sites, but Frogans sites, a new kind of online site founded upon a different format.

For an overview of the technology making up Frogans as a medium:
https://www.frogans.org/en/resources/overview/access.html

The Frogans technology is developed by the OP3FT, a Standards Developing Organization based in France, with the participation of OP3FT China, the local branch of the OP3FT located in Beijing.

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The purpose of the project is to identify solutions in order to make Frogans as a medium more accessible to people with disabilities. The project consists of two parts:

- Part A specifically focusses on the access to content by end-users with disabilities.

- Part B is centered on the publication of content.

Three deliverables (in French) are expected from students working on **Part B**:

1. An overview of the efforts made on the Web as a medium to make online content accessible. What technological standards and tools (e.g. in the HTML language, in browsers) have been implemented on the Web to help publishers make their content accessible? What are the advantages and limitations of these standards and tools? How widespread is their adoption?

2. An analysis to spot the current advantages and limitations of Frogans for content and services publishers willing to publish on the Internet in an accessible way, based on a detailed study of the Frogans technology and input from the team working on part A. A detailed presentation of the Frogans technology will be provided by the OP3FT and OP3FT China to help students perform this analysis.

3.	Recommendations to make content published on Frogans sites more accessible. These recommendations will be drawn up and presented jointly with the team working on part A. Recommendations should notably cover: ways to use existing accessibility software and hardware along with the Frogans technology, accessibility features to be implemented within the Frogans technology, and ways to encourage Frogans publishers to make use of the recommended accessibility features.

Project Coach	Scientific Referent *(to be completed by ECPk)*
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