



# Pedagogic Materials

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# Pedagogic Innovation

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## **Innovation pédagogique :**

“New tools available but also the complex processes relying on these new tools” (Choplin et al. 2007).



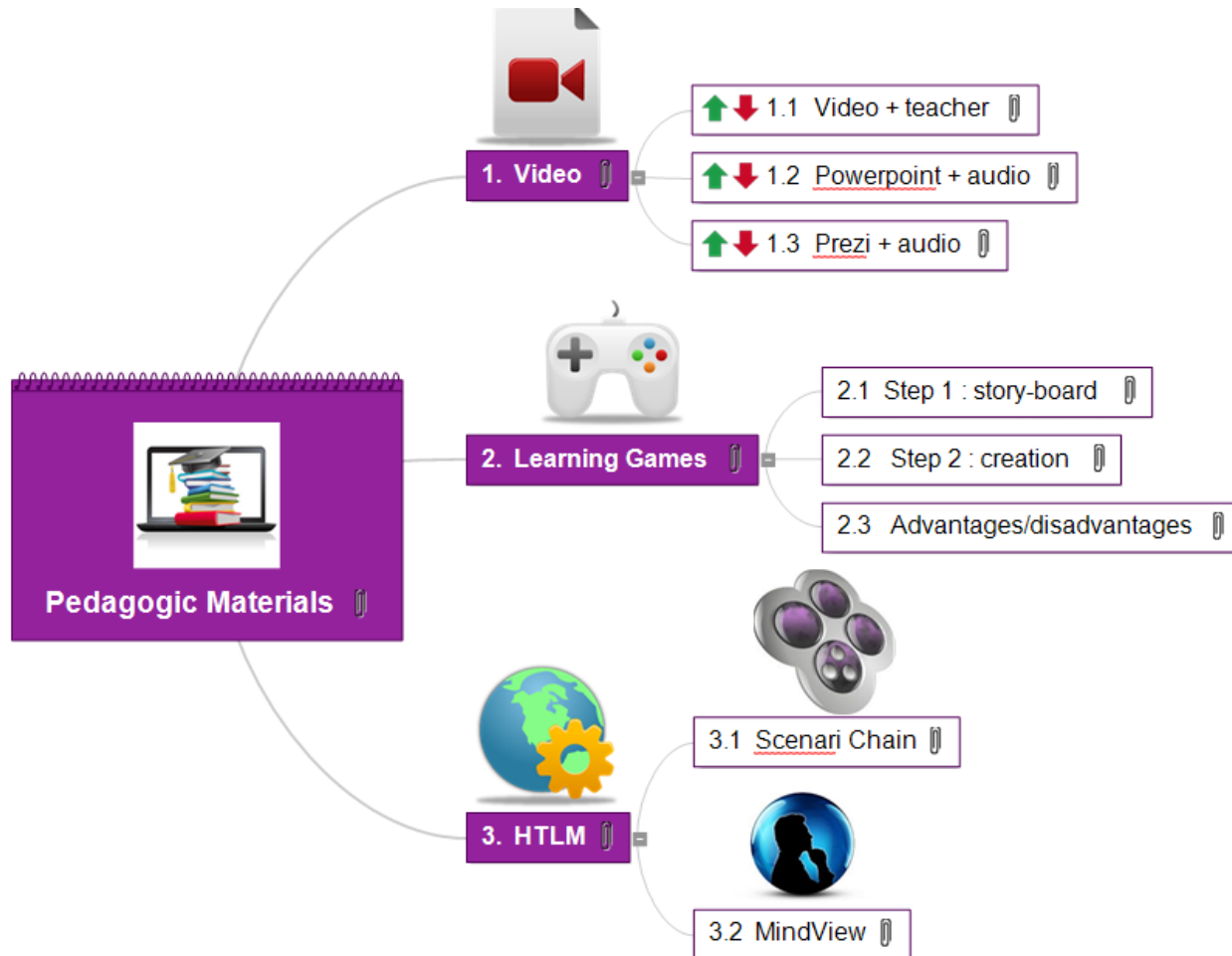
## **Various shapes**

## **Several objectives**

→ Inventory of tools



# Summary





# Video

Increasingly used:

- In MOOC or SPOC (indispensable media!)
- In blended learning



→ Several way to create a vidéo



# Powerpoint + teacher

## MOOC Sales Force Management (Ch. Fournier)

IAE MONTPELLIER  
University School  
of Management

Gestion de la force de vente  
Spécificités  
Méthodes de vente

# Interview

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MOOC **Balanced scorecard** (G. Naro and T. Séran)



# [Advantages/disadvantages]

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## Advantages:

- The learner see the teacher
- Possibility to feature the teacher (example: interviews, put a person in a professional situation, etc.)

## Disadvantages:

- Complicated to create: need ressources and time consuming
- Complicated to update...

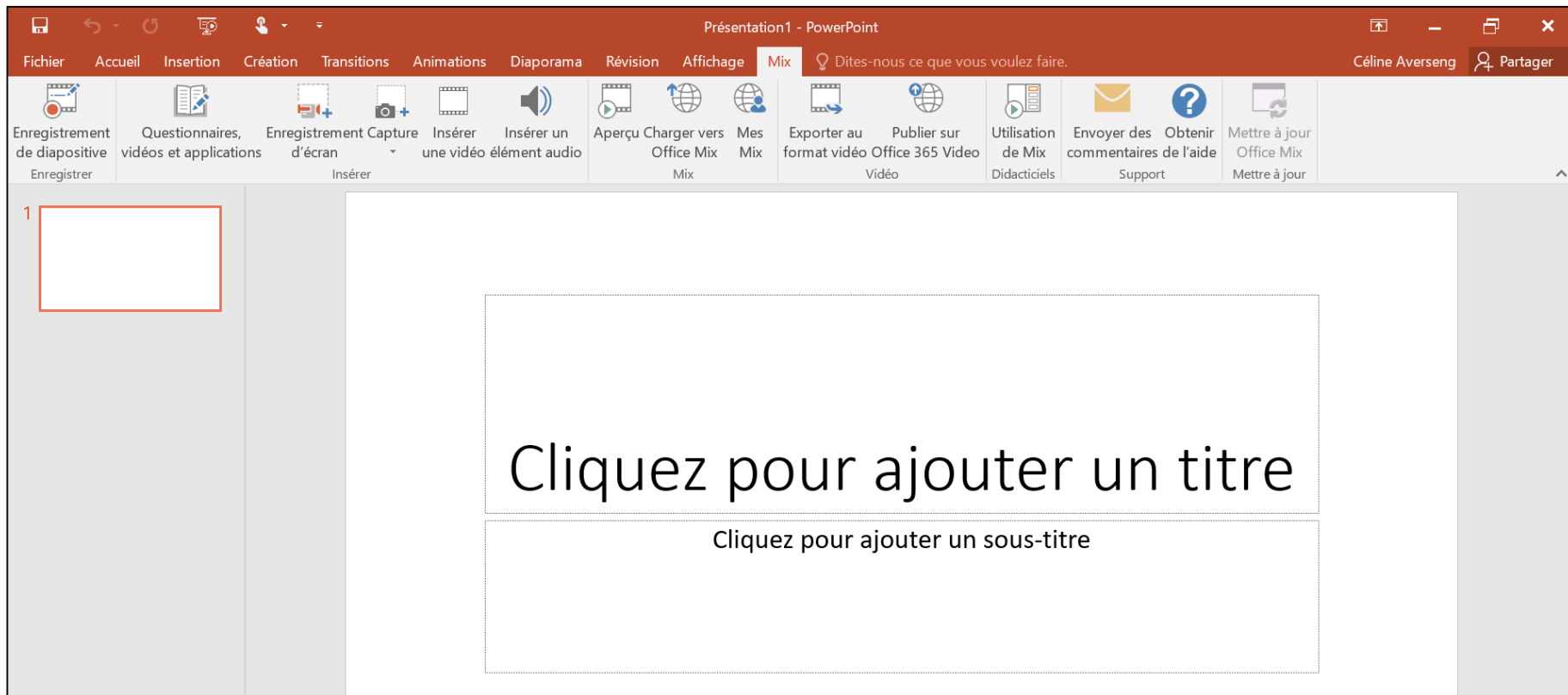
# Powerpoint + audio

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Powerpoint + OfficeMix

Powerpoint + Camtasia/Camstudio

Office mix

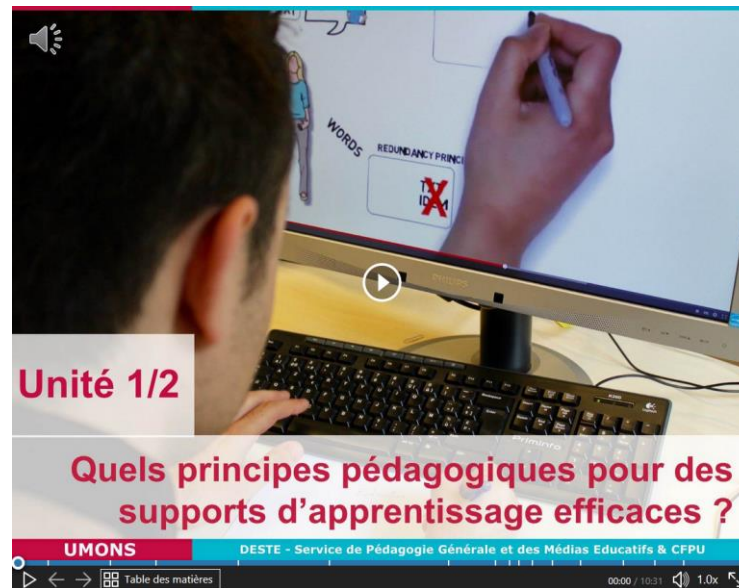




# Powerpoint + audio

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Office mix allows the creation of "Pedagogic Capsules", as in the MOOC "**L'innovation pédagogique dont vous êtes le héros**":



Here, a new tab is add in Powerpoint to capture the screen and the voice

# [Advantages/disadvantages]

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## Advantages:

- Quickly created from existing Powerpoint
- Does not require any special knowledge in video editing
- Update/changes easier : the sound is much easier to cut, redo and mount than a shot

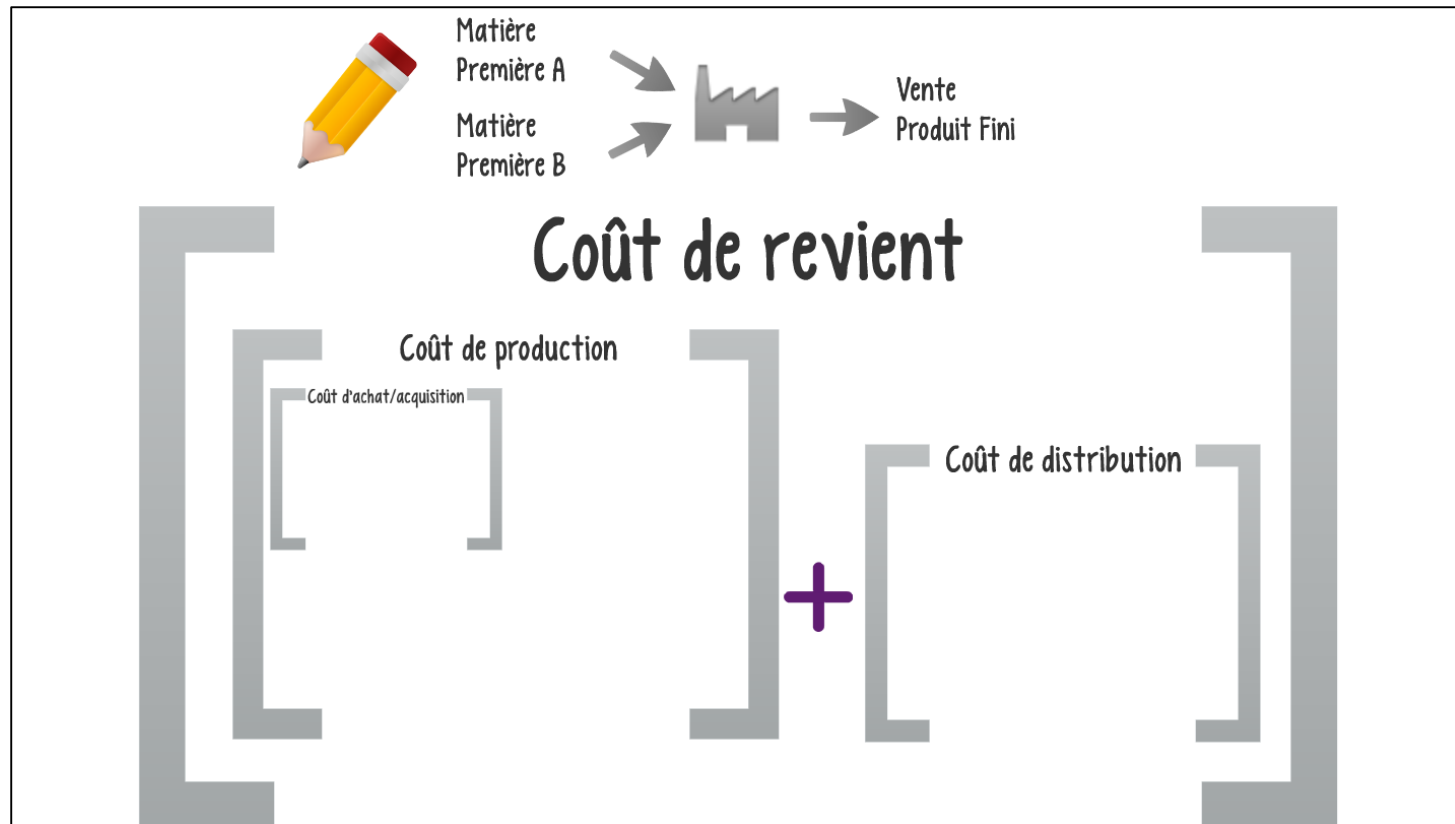
## Disadvantage:

- A Powerpoint always stay linear
- Risk of cold and boring media

# Prezi + sound

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Prezi + capture tool: Camtasia/Camstudio or other



# [Advantages/disadvantages]

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## Advantage:

- Final rendering interesting from a pedagogical point of view, close to an animated film, but we can't use it in all disciplines: the content must be easy to represent

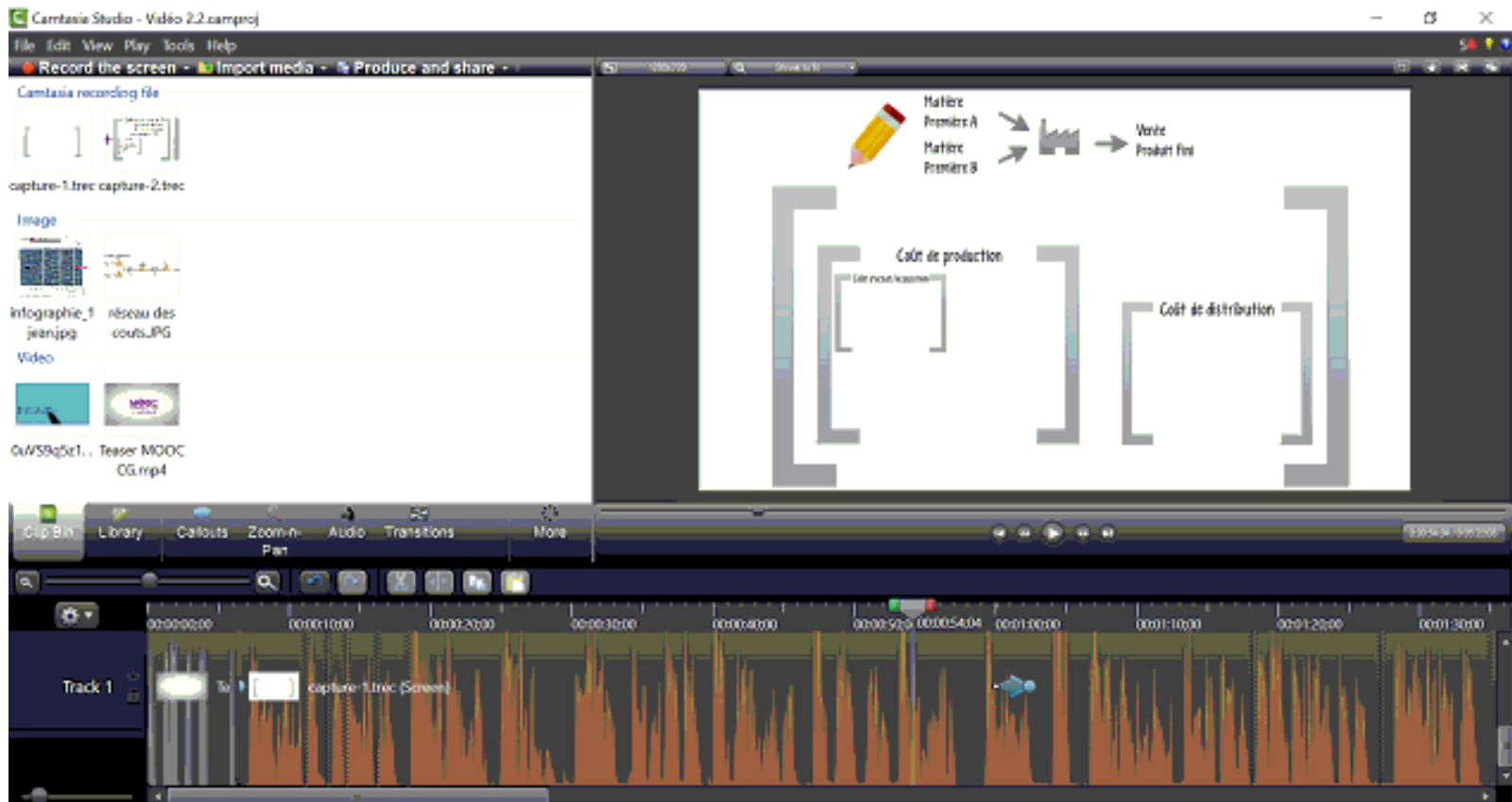
## Disadvantage:

- Long to create (in the first time)
- Requires basic assembly knowledge

# [Advantages/disadvantages]

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Example : capture video and editing software :  
Camtasia Studio 8



# Learning Games

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Non-linear numeric case study

Interest



→ Free software : Scenari Chain

Step 1 : storyboard

Step 2 : creation

Advantages/disadvantages

# [ Step 1 : storyboard ]

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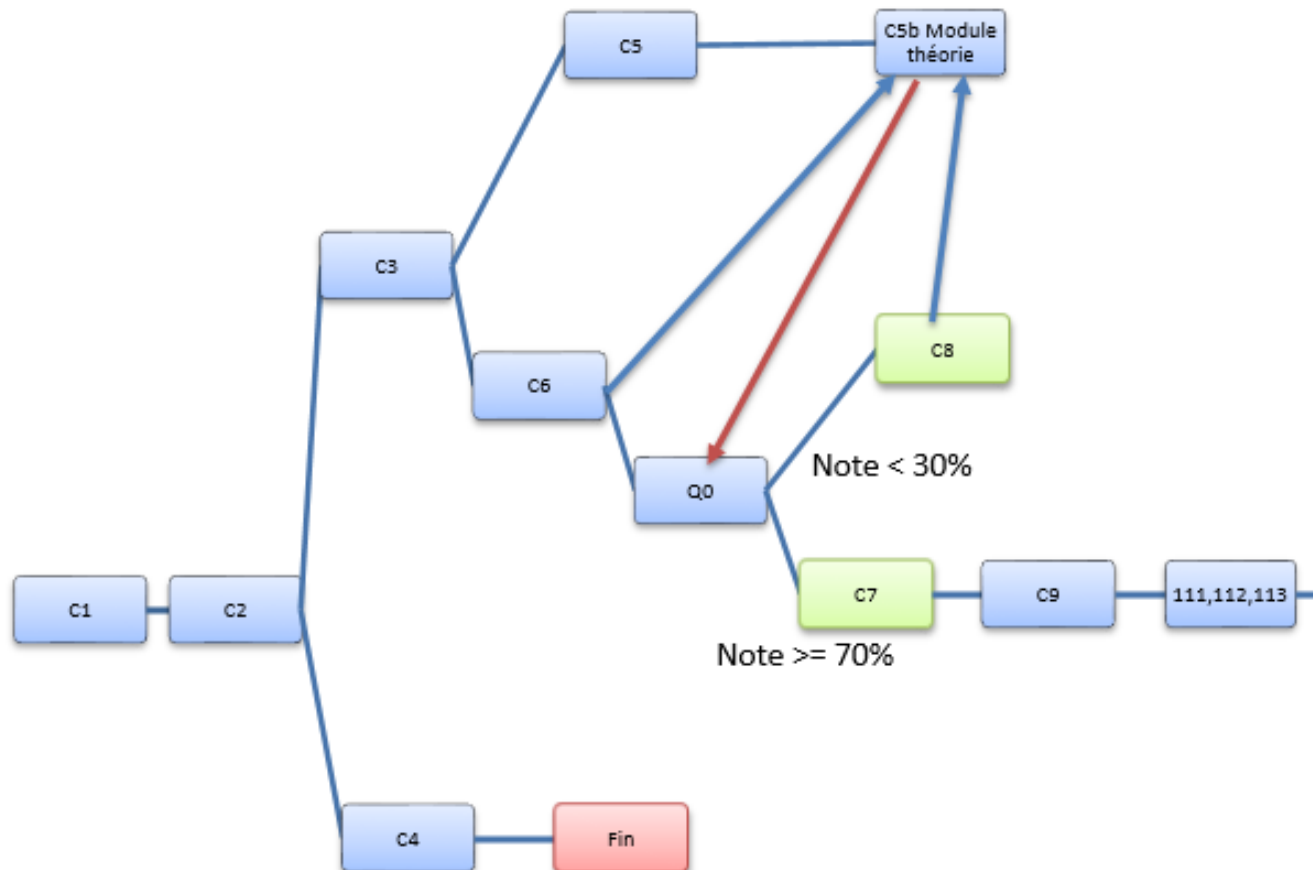
Identify the learning game elements:

- Content elements (knowledge),
- Module training
- Choice element or orientation element (the learner must answer a question or make a choice to carry on),
- Quizzing,
- Etc.

# Step 1: storyboard

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- Forecast the content sequence:





# Step 2: Creation

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- Creation of visuals:

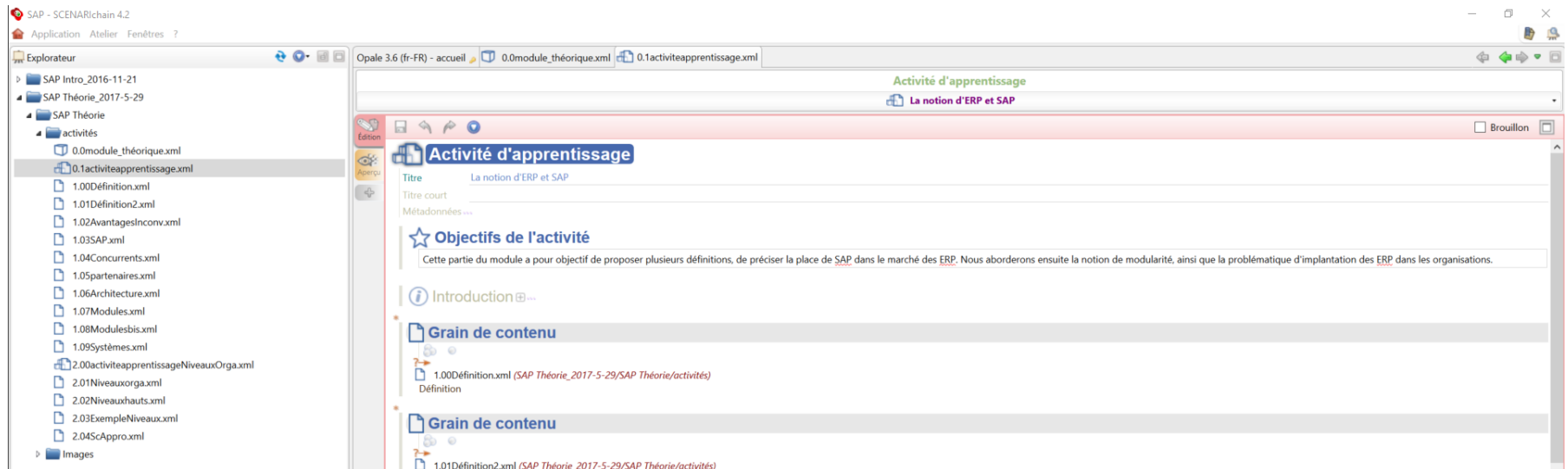


# [Step 2: creation of the learning game]

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Opale and Topaze from ScenariChain (free software) :

- **Opale** allows to create "pieces of content" which can be put together to create a module:



# Step 2 : Creation


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La notion d'ERP et SAP

- La notion d'ERP et SAP
  - Définition
  - Définition (suite)
  - La place de SAP dans le marché des ERP
  - Les concurrents de SAP
  - Les entreprises qui travaillent avec SAP
  - Architecture traditionnelle client-serveur de SAP
  - La modularité dans SAP
  - La modularité dans SAP (suite)
  - Les différents systèmes SAP



## La notion d'ERP et SAP



### Objectifs

Cette partie du module a pour objectif de proposer plusieurs définitions, de préciser la place de SAP dans le marché des ERP. Nous aborderons ensuite la notion de modularité, ainsi que la problématique d'implantation des ERP dans les organisations.

- Définition
- Définition (suite)
- La place de SAP dans le marché des ERP
- Les concurrents de SAP
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- La modularité dans SAP
- La modularité dans SAP (suite)
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# Step 2: Creation

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Learning Game "Interface SAP"


**Suite...**

La conversation se poursuit...



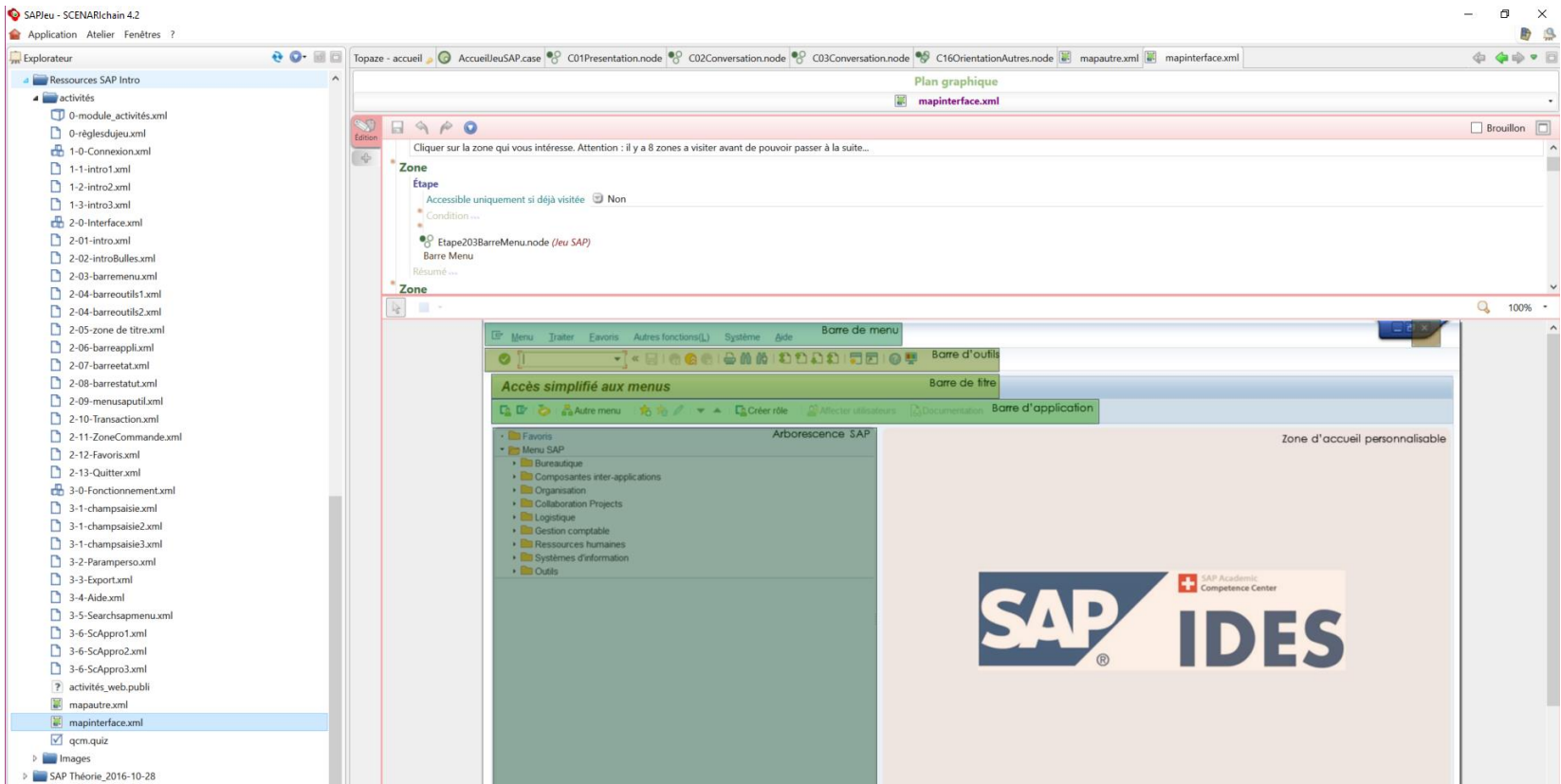
**Prochaine étape**

- Pas du tout...  
→ Suite...
- Un petit peu, mais j'ai bien besoin d'une remise à niveau...  
→ Suite...
- Parfaitement : cela fait 20 ans que je travaille dessus et j'ai même animé des formations !  
→ Suite...



# Step 2: Creation

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# [Advantages/disadvantages]

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## Advantages:

- Free
- Flexibility

## Disadvantage:

- Tool not intuitive, long to take in hand, but tutorials are available on the internet

# HTLM File

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ScenariChain



# MindView

Allows to create "Map" :

- To jot down ideas during a meeting
- To brainstorm
- To write a content: training module, research article, theses and Phd (the map can be export in a word processor).
- To create a presentation: presentation mode or export in Powerpoint
- To create HTML files or "paquetage Scorm ".
- To help us for projet management : Gantt, time lines, resources management, etc.





# MindView



## Advantages:

- Great flexibility
- Automatic exports
- Very intuitive tool

## Disadvantage:

- None 😊