



# Visual Time Line (VTL) Project

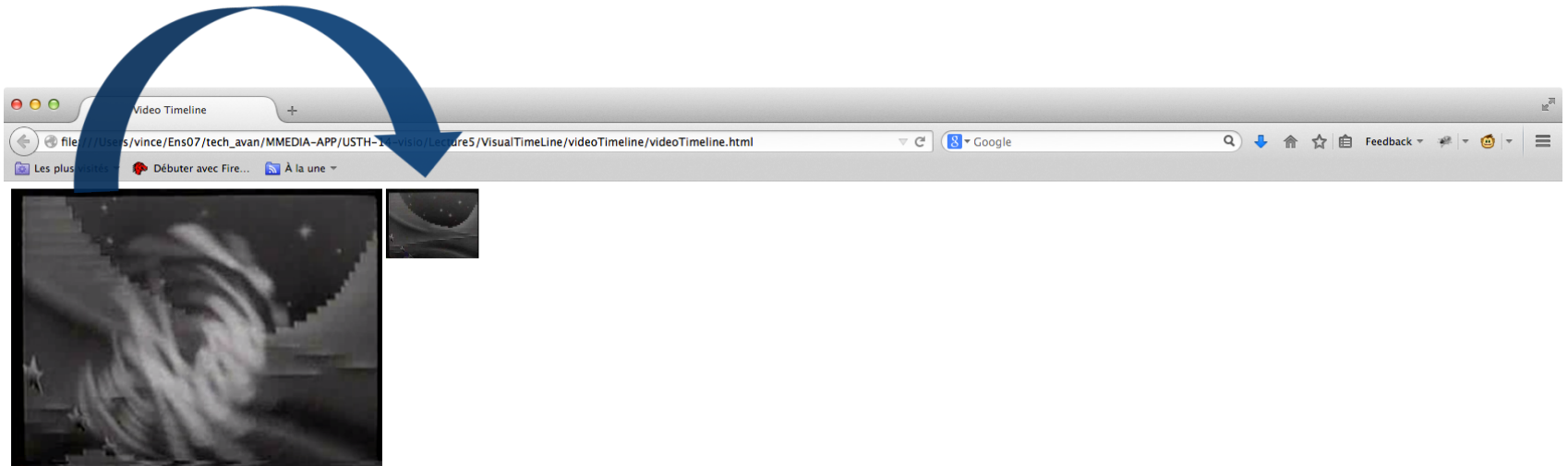
- Devise an advanced video player VP
- Evaluate it through a (small) user study
- The VP Functioning in decomposed in two rounds:
  - **Construction** of clickable panels
  - **Navigation** with the obtained panels
- Technology:
  - multimedia extensions of HTML5 +javascript

# VTL project

- **Contruction (Time 0):**

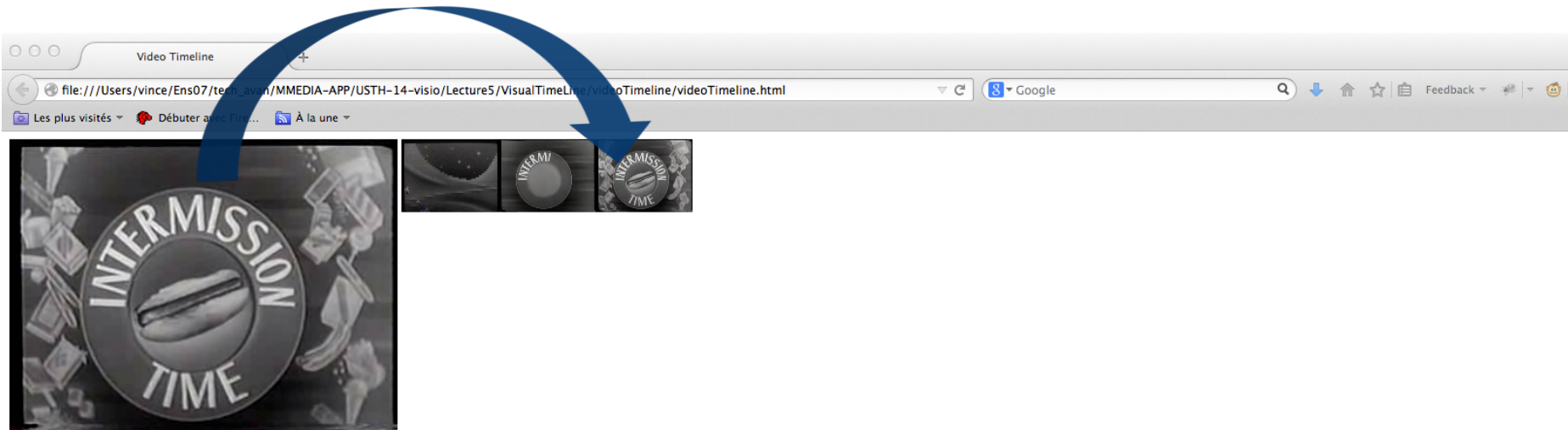
Read a video source, Export and copy frames

**THIS CODE IS AVAILABLE**



# VTL project

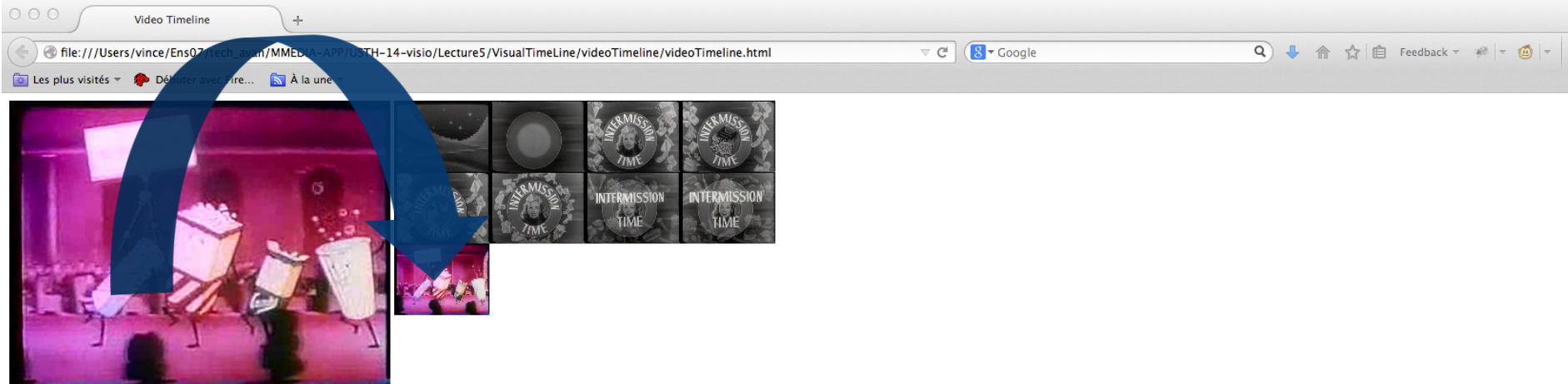
- **Contruction (Time 2X, 2X seconds later):**  
Read a video source, Export and copy frames



# VTL project

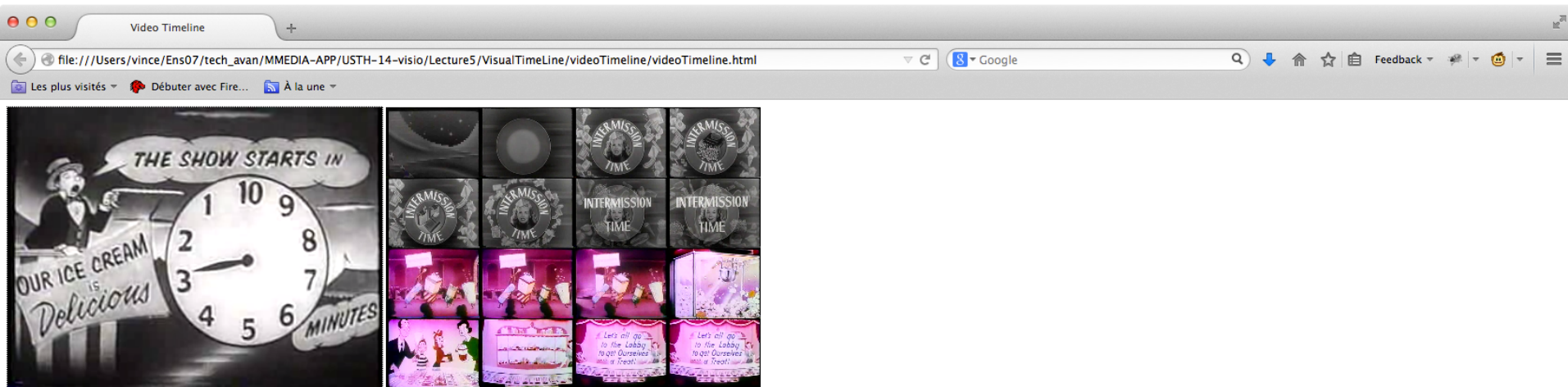
- **Contruction ( Later on):**

Read a video source, Export and copy frames



# VTL project

- End of construction phase (Time 15X+):  
Video playout (and construction phase) are over  
A panel is constructed with keyframes



# VTL project

- **Navigation :**

Video playout (and construction phase) are over

A panel is constructed with keyframes

Make the panel interactive (it's a visual-time line)



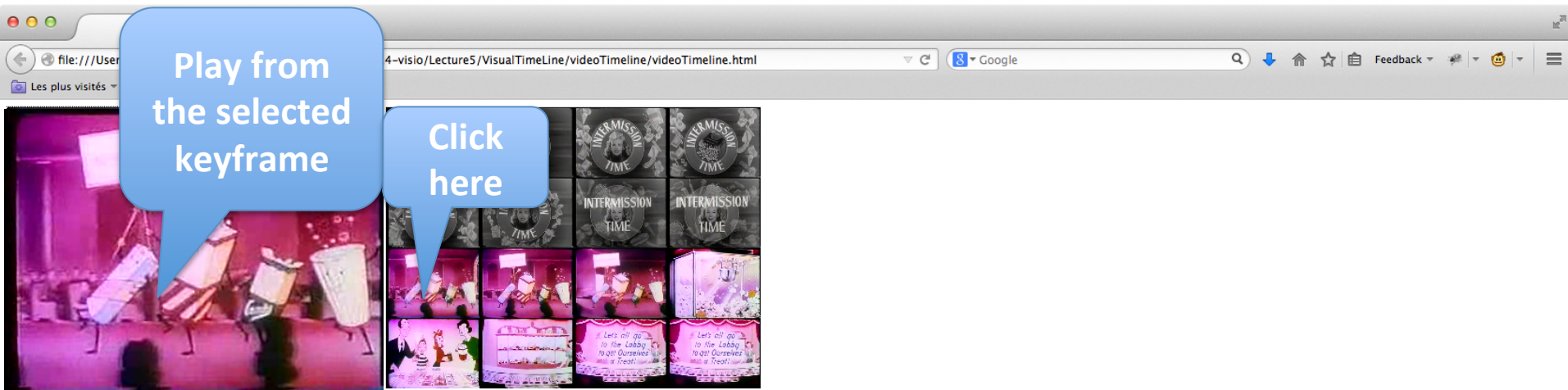
# VTL project

- **Navigation :**

Video playout (and construction phase) are over

A panel is constructed with keyframes

Make the panel interactive (it's a visual-time line)



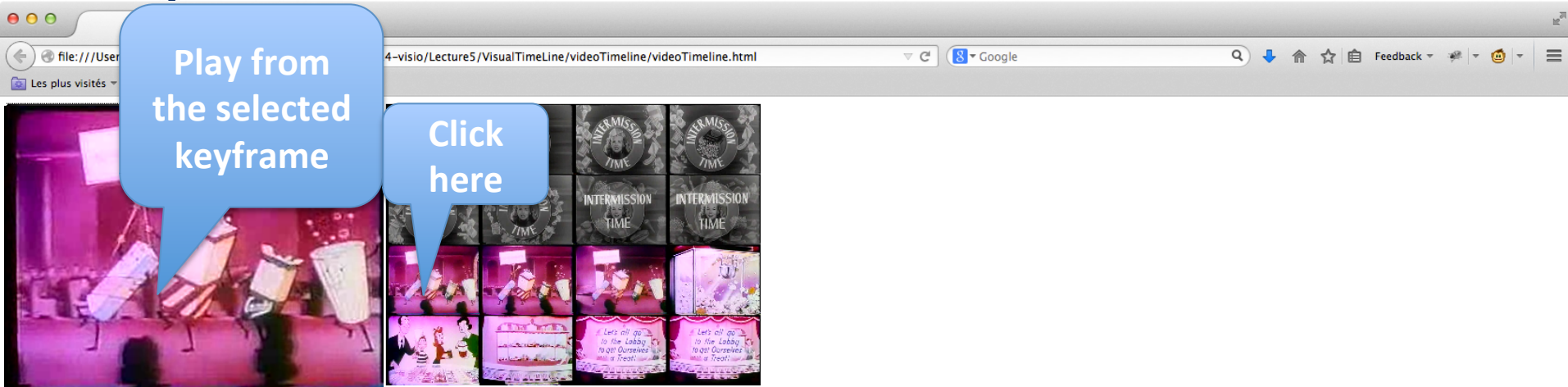


# VTL projects

- **Warnings :**

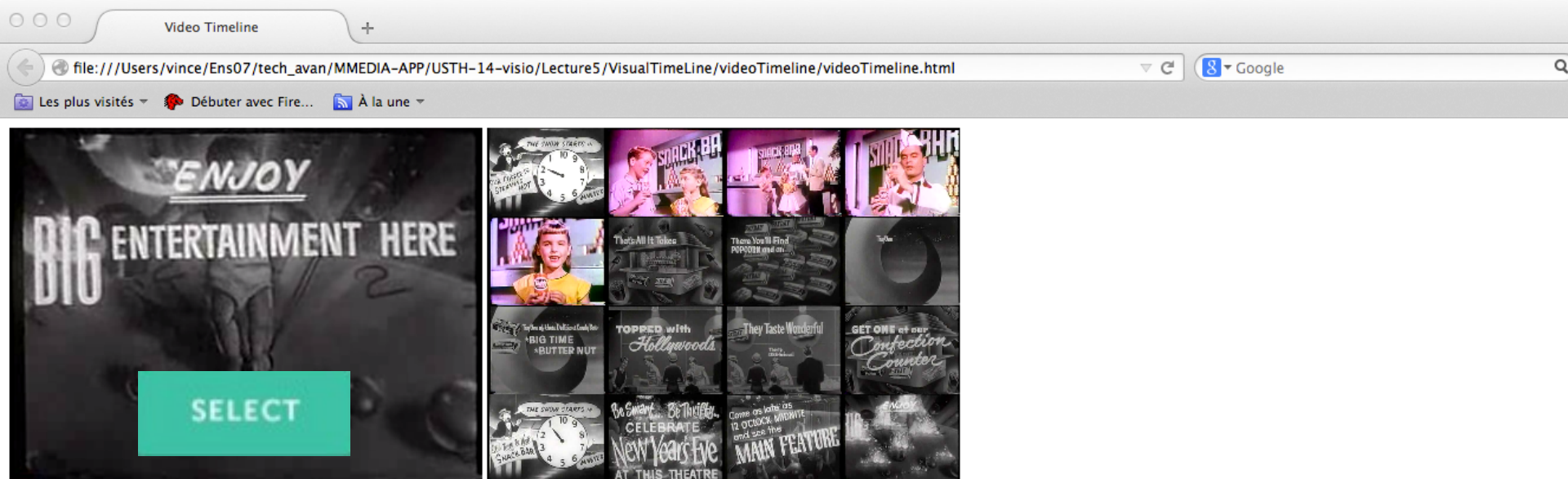
I expect 3 different projects with additional ideas and interaction tricks

The 3 interfaces will be evaluated through a user study



# VTL project

- **Alternative Construction Method :**  
Use a toggle button to select a keyframe



# VTL project

- **Alternative Navigation Method :**

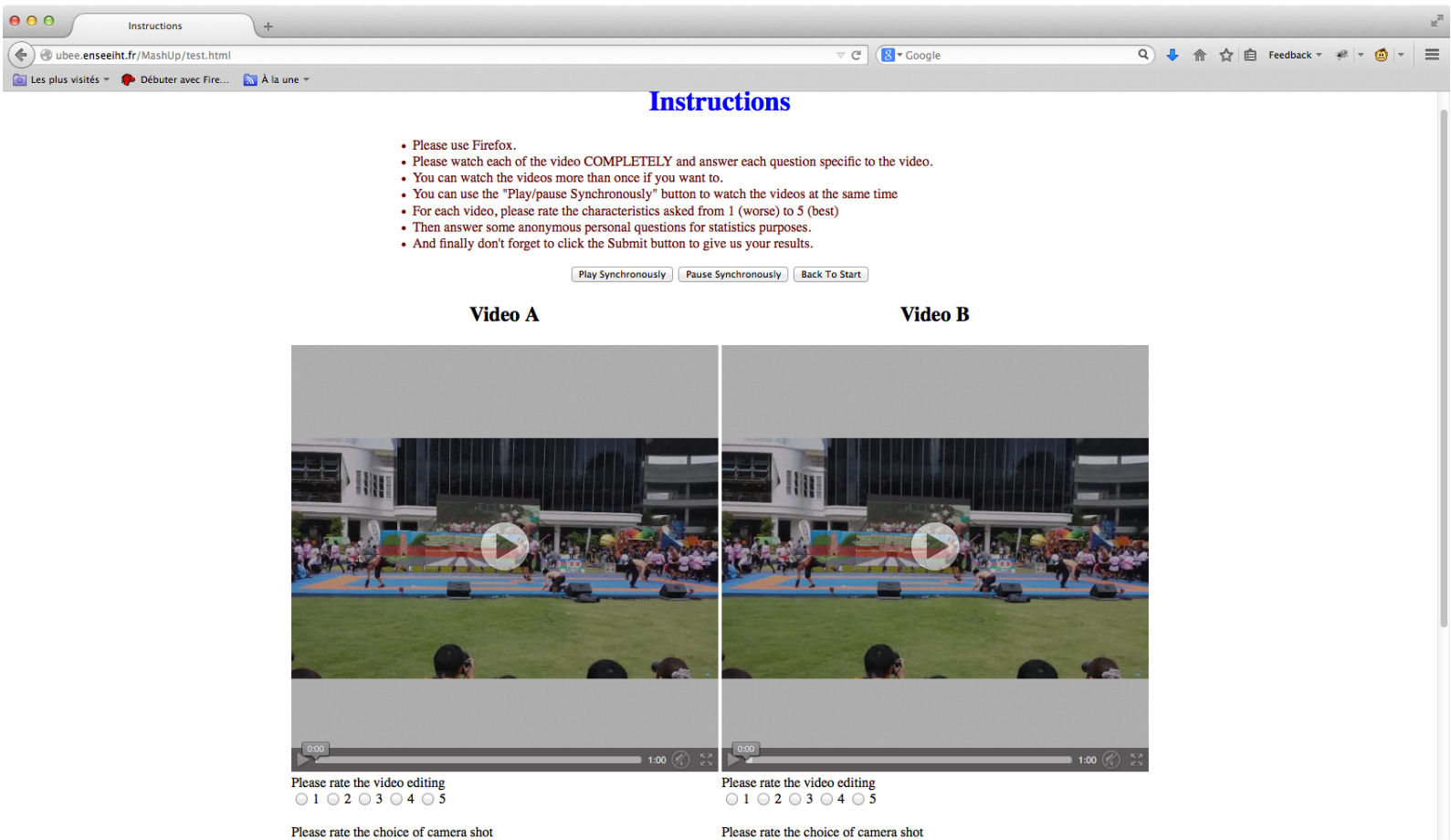
Use a visual slider to navigate through the keyframes





# An Original VTL project

- Implement a (HTML5) tutorial for your interface
- Set-up a user study (in HTML 5) :



**Instructions**

- Please use Firefox.
- Please watch each of the video COMPLETELY and answer each question specific to the video.
- You can watch the videos more than once if you want to.
- You can use the "Play/pause Synchronously" button to watch the videos at the same time
- For each video, please rate the characteristics asked from 1 (worse) to 5 (best)
- Then answer some anonymous personal questions for statistics purposes.
- And finally don't forget to click the Submit button to give us your results.

**Video A** **Video B**

Please rate the video editing  
 1  2  3  4  5

Please rate the choice of camera shot

Please rate the video editing  
 1  2  3  4  5

Please rate the choice of camera shot