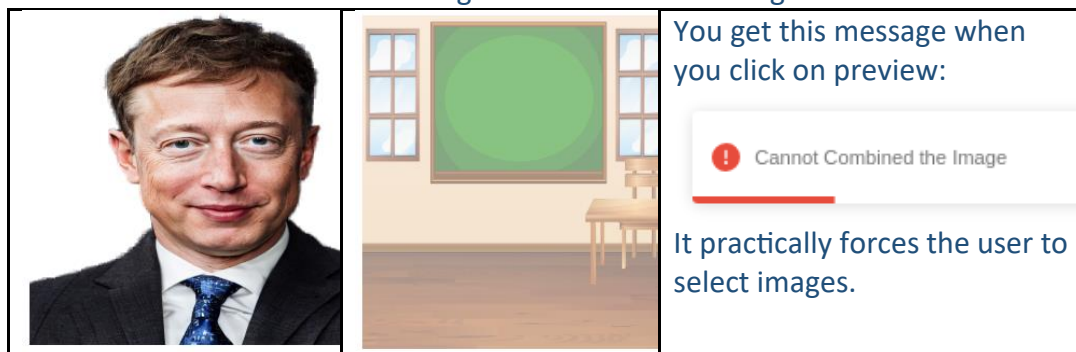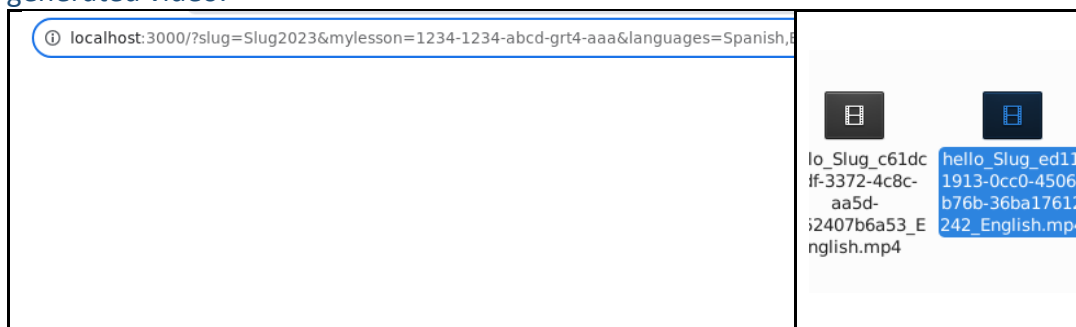The following observations are the result of the last tests we have performed on the avatar generator web app.

1. Failure to combine the default image with the default background.
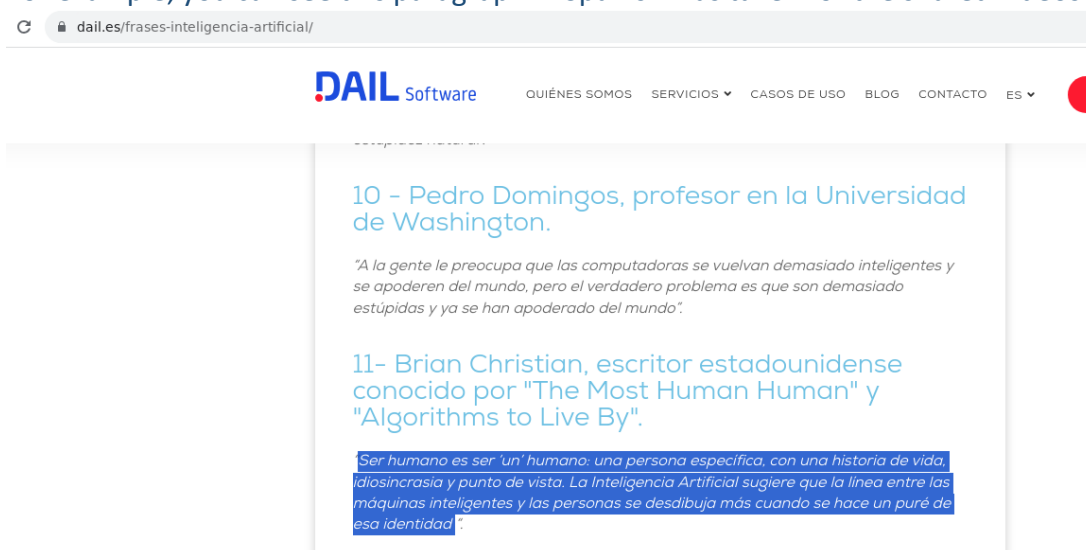

You get this message when you click on preview:

⊘ Cannot Combined the Image

It practically forces the user to select images.

2. If the web app is invoked with parameters, these are not used in the naming of the generated video.

ⓘ localhost:3000/?slug=Slug2023&mylesson=1234-1234-abcd-grt4-aaa&languages=Spanish,E

lo_Slug_c61dc df-3372-4c8c- aa5d- ;2407b6a53_E nglish.mp4

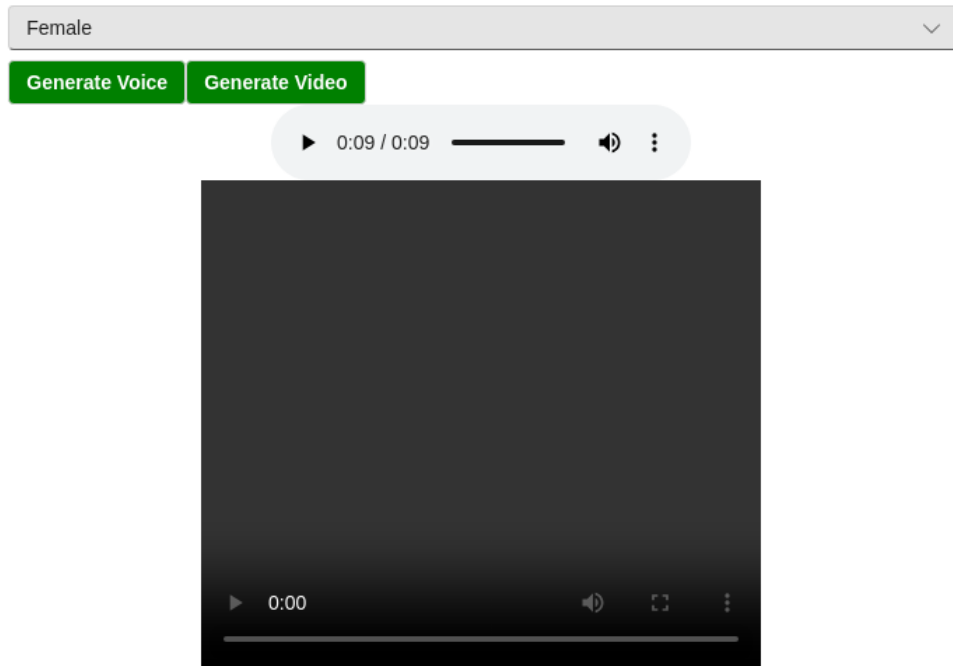hello_Slug_ed11 1913-0cc0-4506- b76b-36ba17612 242_English.mp4

It is taking the selected language and using a different slug and lessonId.

3. It is not generating the video with the complete audio; the last 1-2 seconds are lost. For example, you can see this paragraph in Spanish was taken for the shared videos.
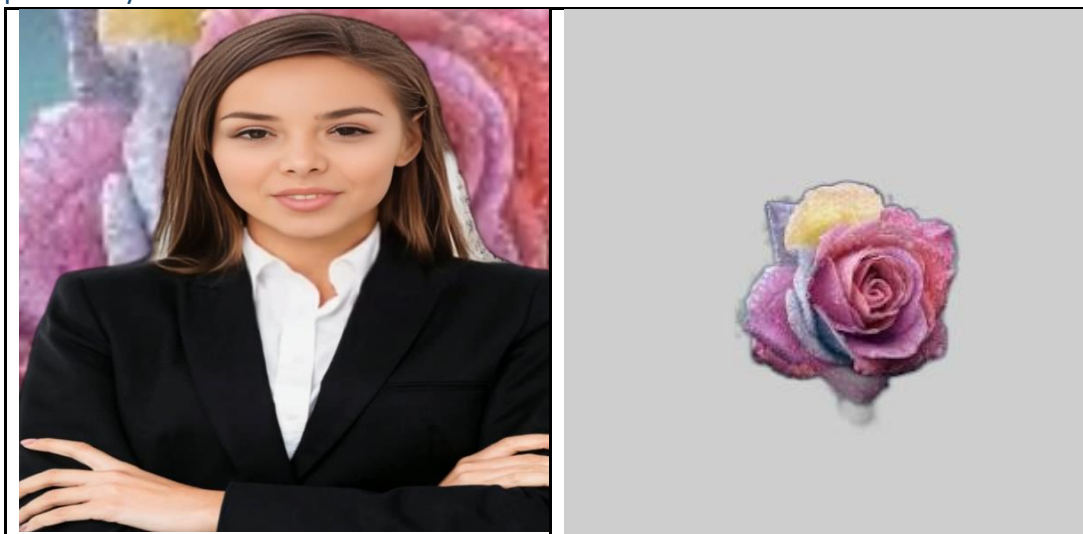

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10 – Pedro Domingos, profesor en la Universidad de Washington.

"A la gente le preocupa que las computadoras se vuelvan demasiado inteligentes y se apoderen del mundo, pero el verdadero problema es que son demasiado estúpidas y ya se han apoderado del mundo".

11– Brian Christian, escritor estadounidense conocido por "The Most Human Human" y "Algorithms to Live By".

Ser humano es ser 'un' humano: una persona específica, con una historia de vida, idiosincrasia y punto de vista. La Inteligencia Artificial sugiere que la línea entre las máquinas inteligentes y las personas se desdibuja más cuando se hace un puré de esa identidad ".

The Spanish words "de esa identidad" are missed. A video with a paragraph like this is generated in about 11 minutes, plus 1 minute of audio generation!!! The previous version took more than half an hour and sometimes did not finish.

4. Two simultaneous conversions fail, there is always one that ends prematurely generating a video in black.

Without options for download it. I got this result on a frequent basis, especially when clicking on empty areas of the page while the generation modal was displayed.
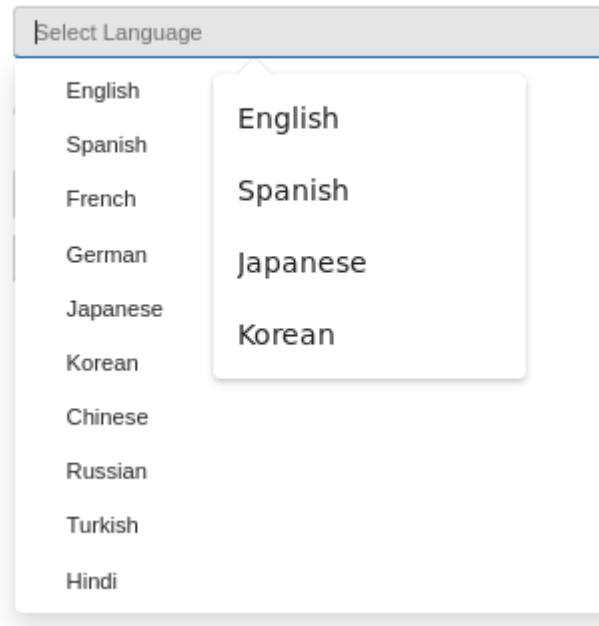
5. I accidentally selected the background as avatar, and it overwrote the avatar that I previously had of a brunette woman in a suit.

I think we should use some cognitive validator, as the Azure Vision, to contextualize if we are loading a place instead of a person.

6. Dual language selector continues, only the first one is taken. This generates confusion.

7. More interaction with the user is required, to guide the user to select appropriate dimensions or formats, for example the following background image is often not combined:

We should warn the user from the upload that the image does not meet the conversion requirements.

Overall, there is an improvement in conversion times, but still not acceptable for the user experience we are looking for, 12 minutes <mark>is still a super long time and multitasking mode does not seem to be enabled.</mark> Although I find the application more flexible by allowing to upload images for the avatar and backgrounds, <mark>it is impossible to scale it to thousands of users in the current conditions</mark>. We need a backend capable of handling **multiple requests at the same time and much better conversion times.**