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Requirements of An Image Search Task

Five Stage

Formulation
Initiation of action
Review of results
Refinement
Use

Requirements of An Image Search Task

- A **homepage**.

The homepage holds a brief introduction to let the user know what can this image search engine do.

- **The way** that this engine provide to upload your image.

Take Google as an example, provide two ways to upload pictures.



- **Preview function**

Preview the uploaded picture.

- **Search button**

Click the button to search for images

- Show a **waiting logo**, which can relax the user when the engine is searching

Take Google as an example.

按图片搜索

X

您可以按图片而非文字在 Google 中进行搜索。请试着将某张图片拖放到此处。

正在上传文件

- Provide **an overview** of the results

Such as **the total number** of the result which can let the user know how many images are similar to my picture in your engine.

- **Filter button**

Users can filter the result pictures based on tags.

- **User action**

For example, click the picture collection button to add a collection.

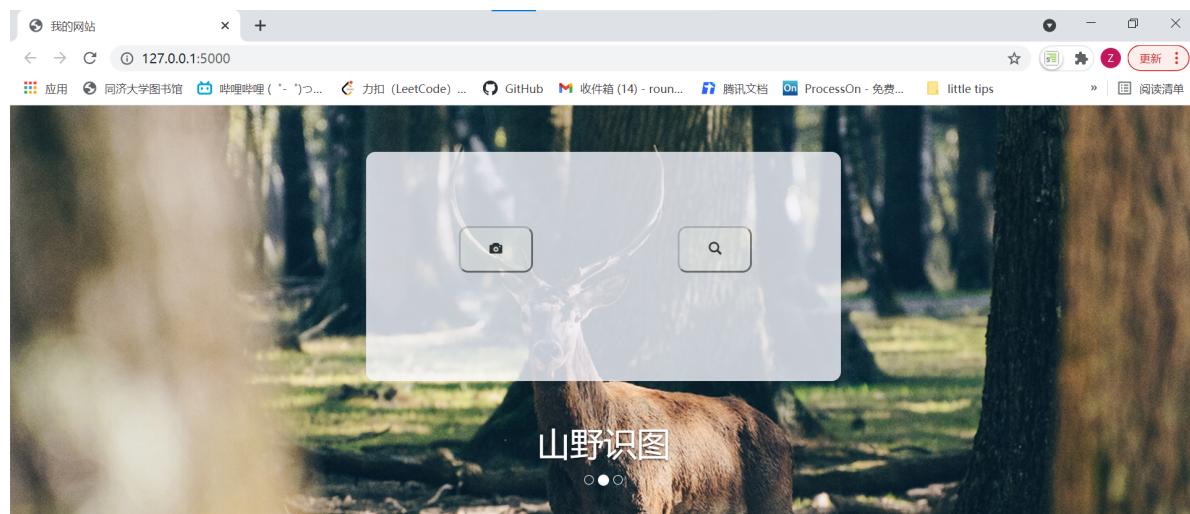
- **Clear button**

Used to reset search.

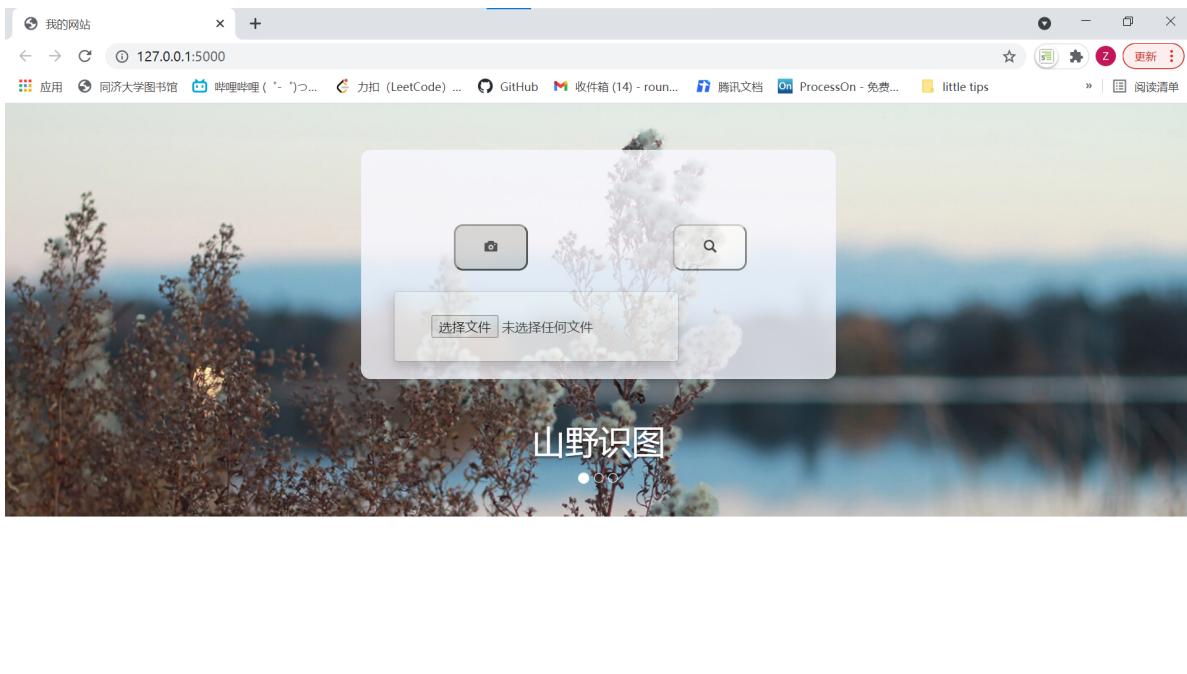
Five Stage

Formulation

- Homepage

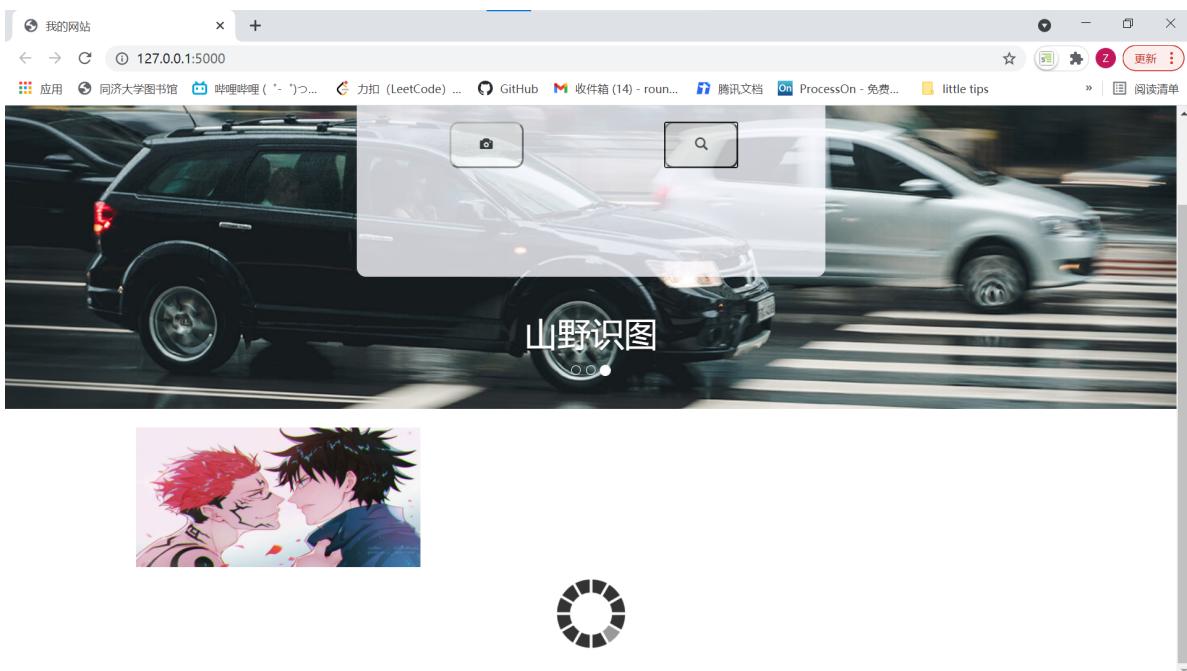


- The user can only upload his or her picture from local.



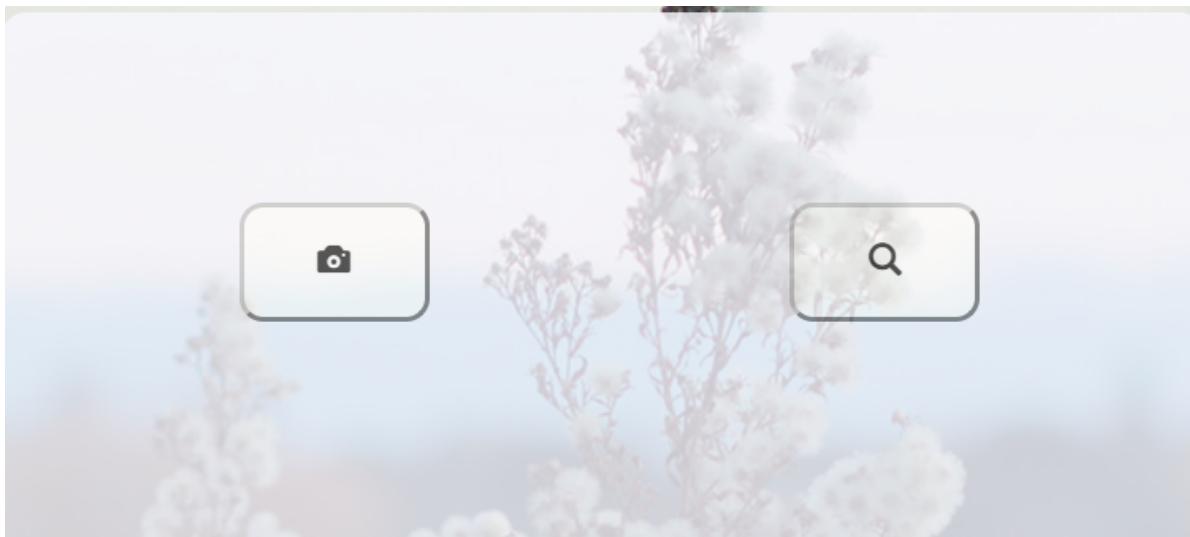
- Permit variants to allow relaxation of search constraints .

- Show the source file.



Initiation of action

- A search button to Explicit actions .



Review of results

- Keep search terms

Display the uploaded image for search.

- Provide an overview of results

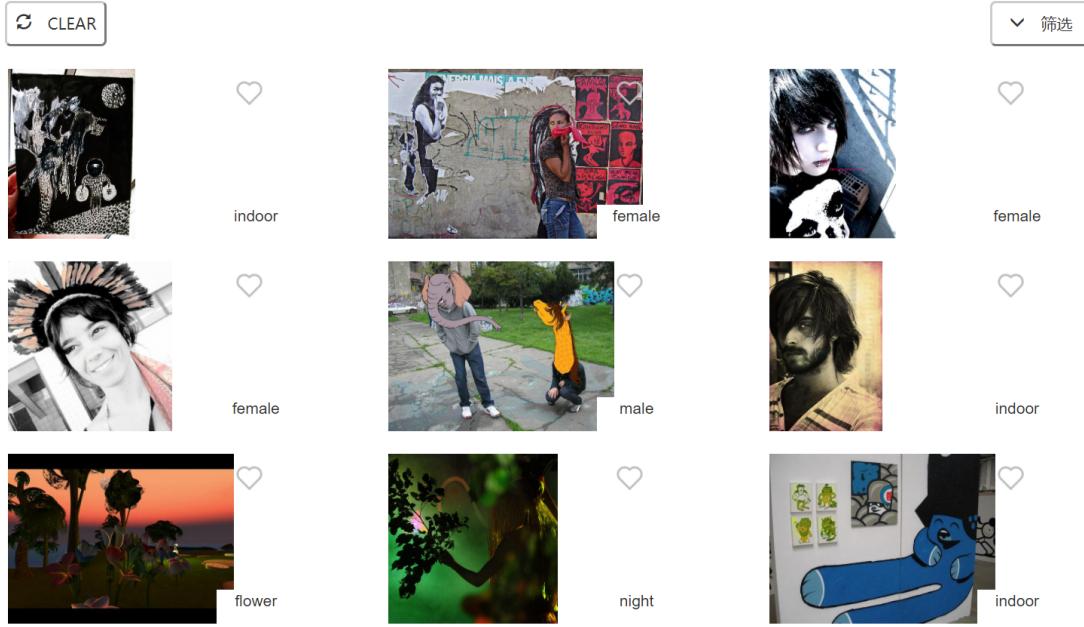
Show the number of results of this search.



本次共检索出9张相似图片

- Provide descriptive previews of each result item

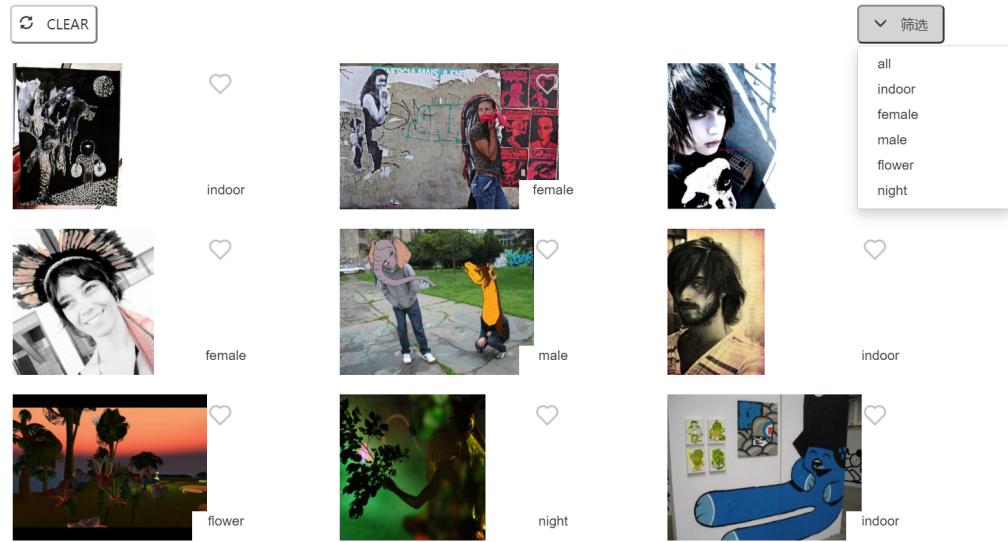
Mark the tag of the picture on each picture.



Refinement

- Guide users in progressive refinement with meaningful messages

Users can choose displaying pictures with specific tags or all pictures through the "Filter" drop-down menu;



Use

- Explore collecting explicit feedback

Users can click on the "love" button, which indicates a favorite, in the upper right corner of the result picture to collect the picture.



female