

# Lab 2 Report

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Image Retrieval

## Contents

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- Describe the requirements of an image search task;
- Show your designs for five stages and give a brief description for features that you implement.
  - Formulation
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  - Review of results
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  - Use

## Describe The requirements of an image search task

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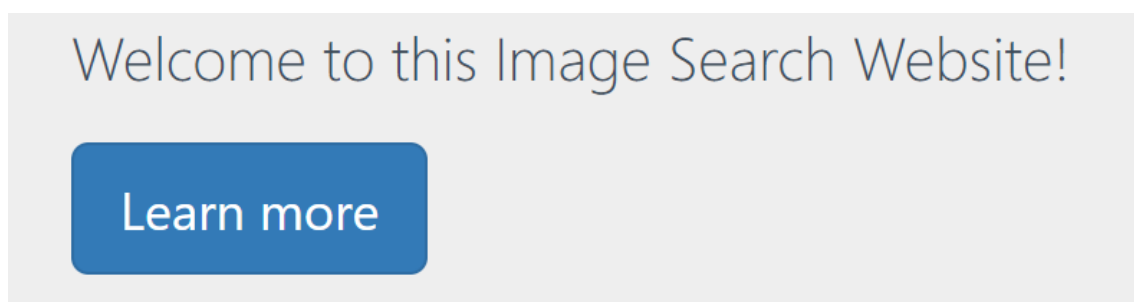
- It contains a page which could tell user how to use this image search website;
- It contains an input box to upload an image;
- It has a search button;
- It has a loading logo, which help user to know what the engine is doing;
- Users can preview the query image in the searching window;
- Provide an overview of the results, such as the total number of results and the total time cost in searching;
- Allow selecting certain category/tag when reviewing results;
- Users can add selected images to a favorite list or remove selected images from favorite list.

## five stages and features that I implement.

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### Formulation

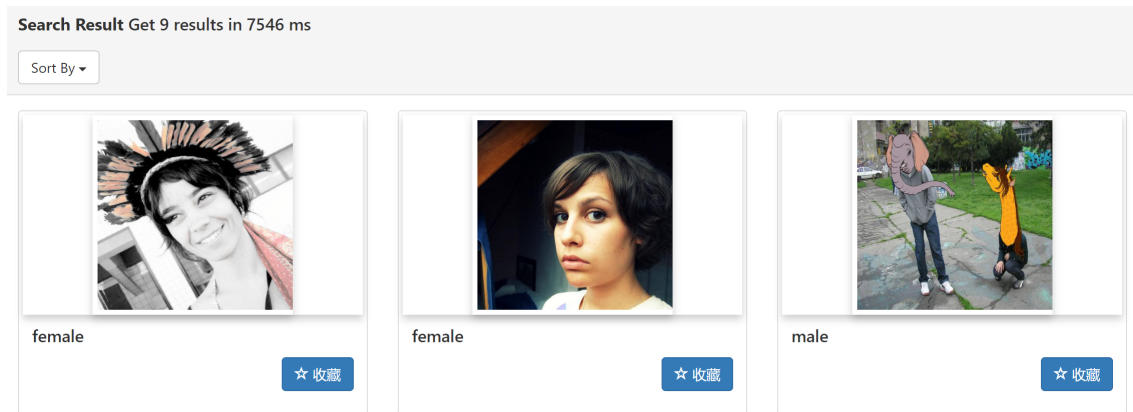
- It contains a page which could tell user how to use this image search website;



- It contains an input box to upload an image;



- Users can preview the query image in the searching window;



## Initiation of action

- It has a search button;



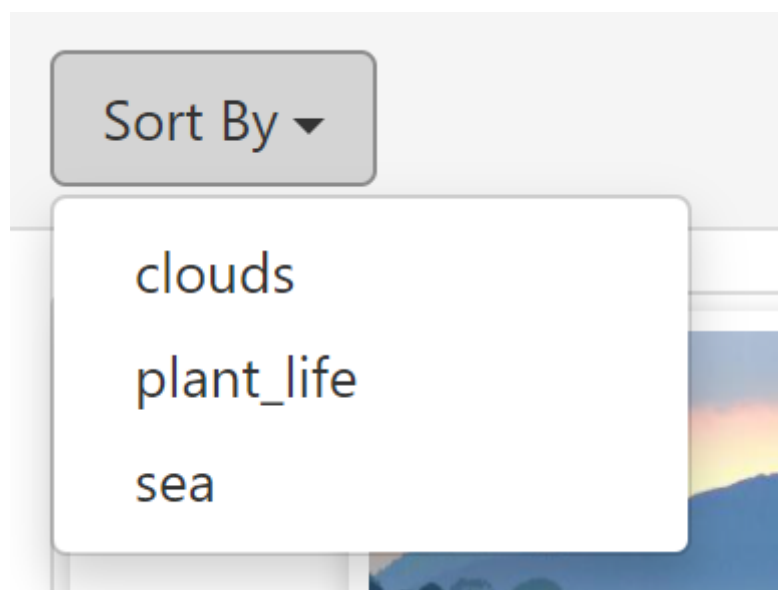
## Review of results

- Provide an overview of the results, such as the total number of results and the total time cost in searching;

**Search Result Get 9 results in 7546 ms**

## Refinement

- Allow selecting certain category/tag when reviewing results;



## Use

- Users can add selected images to a favorite list or remove selected images from favorite list.



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showing in favorite list

