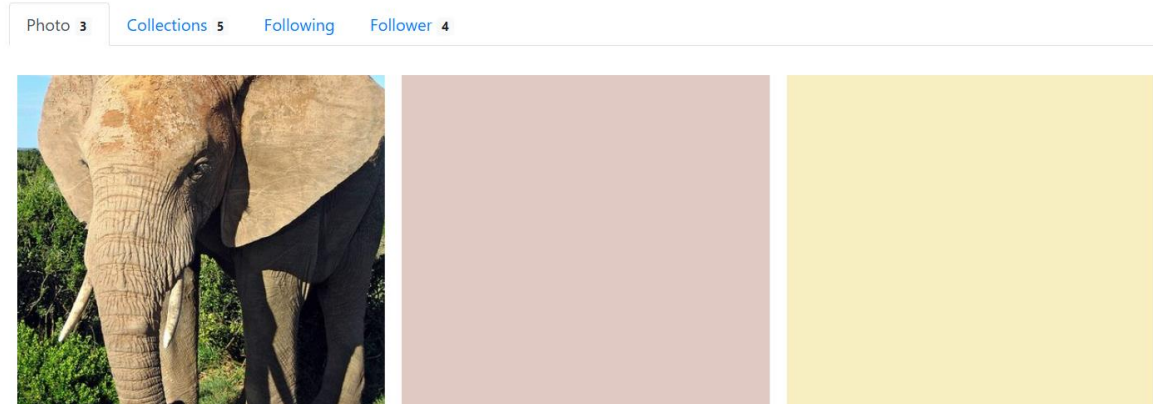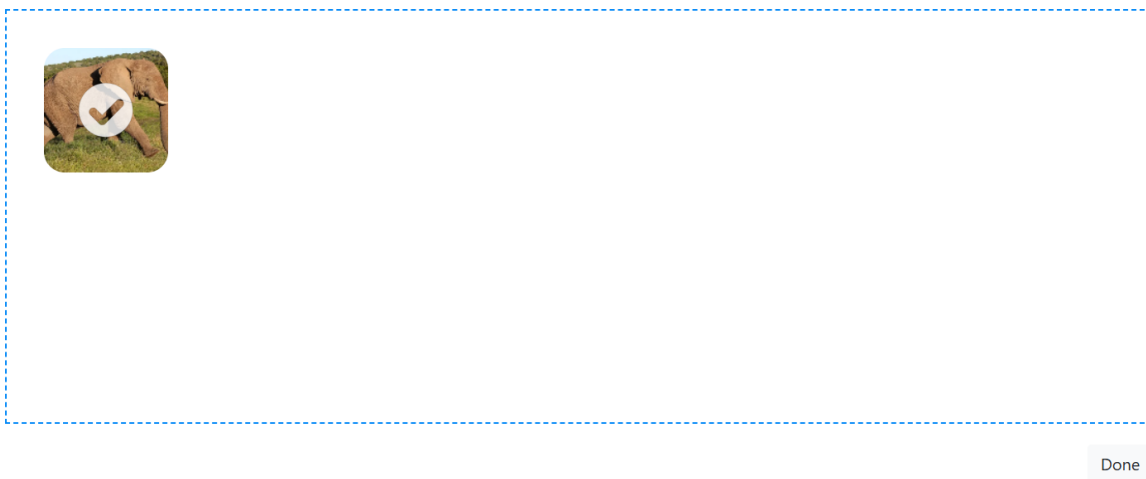Step1: uploaded picture of elephant

The object detection tag detects it as elephant:

```
C:\Users\rdaha1\.cache\torch\hub\ultralytics_yolov5_master
orch.amp.autocast('cuda', args...)` instead.
  with amp.autocast(autocast):
Metadata saved: {"detected_objects": ["elephant"]}
```
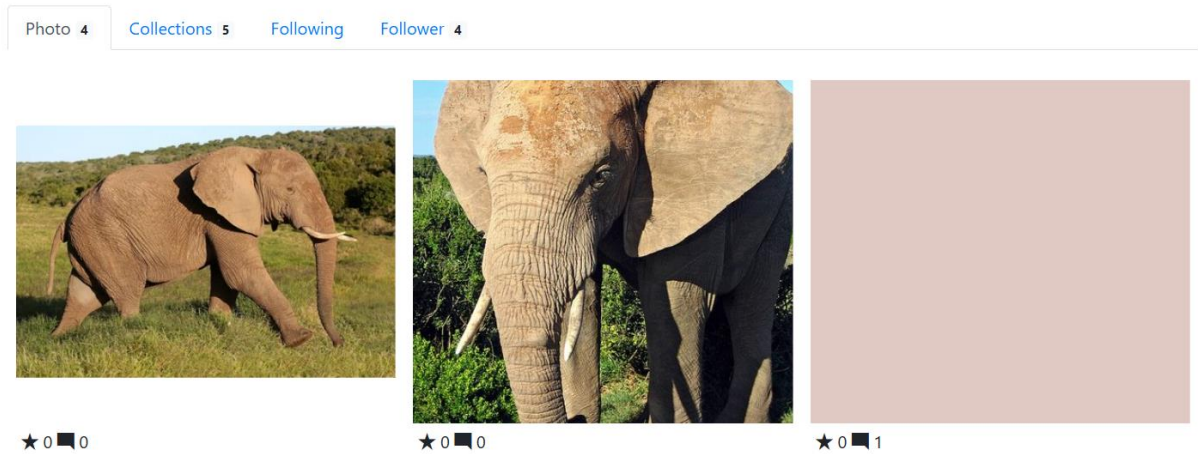
Step2: upload another picture of elephant (This was also detected as elephant as above)
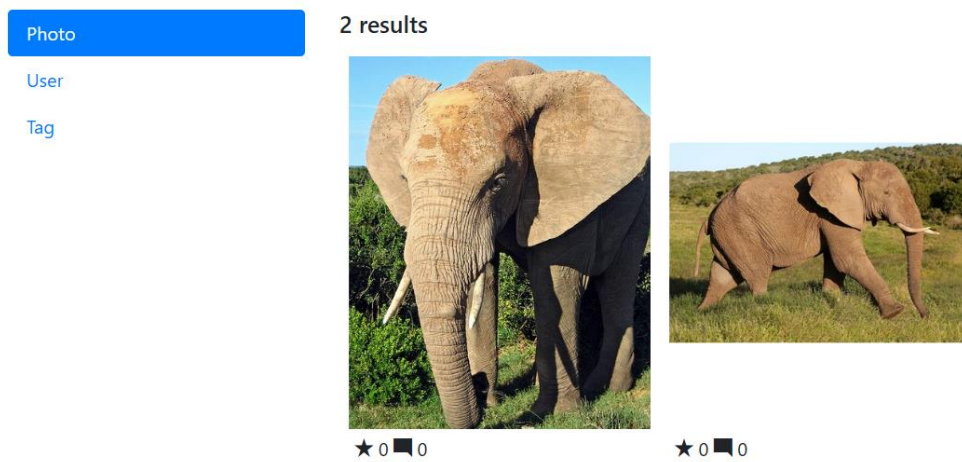
Upload

Done

Note: Showing that user could not find option for writing description/caption while uploading image.

Step3: showing both images are being reflected in the profile

Photo 4   Collections 5   Following   Follower 4

★ 0 🗨 0   ★ 0 🗨 0   ★ 0 🗨 1

Step3: showing search for "elephant" on photo level (shows both the pictures)

Search: elephant

| Photo |
| User |
| Tag |

2 results

★ 0 🗨 0   ★ 0 🗨 0

Step4: Showing alternative text generated for each picture:

Step5: Showing search for 'elephant' on tag level (based on object detection)

Search: elephant

Photo

User

Tag

1 results

elephant 2

« **1** »

Capture and share every wonderful moment.

Lets click on it and go deeper

#elephant 2 photos Delete Order by time ⬍

★ 0 💬 0

★ 0 💬 0

Step 6: Lets look at another image

```
with amp.autocast(autocast):
Metadata saved: {"detected_objects": ["dog"]}
```


←Previous   Next→

Grey Li
greyli

a tiger laying in the grass ✏ edit description

🏷 **dog** ✏ edit tag

★ Collect

Delete

🕐 Upload at February 9, 2025

The detected tag is of a dog but alternative text suggest it as tiger laying in the grass. We can see descripency on alternative text generated and object detection models.

#dog 1 photos Delete Order by time

★ 0 💬 0

« **1** »

Showing tagged as dog when its a tiger.

Application is functional in that it produces HTML with `alt` attributes containing alternative text for *all* images uploaded by users (excluding profile pictures)


```
▶ <head> ··· </head>
▼ <body style="zoom: 1;">
   ▶ <nav class="navbar navbar-expand-lg navbar-light bg-light"> ··· </nav> flex
   ▼ <main>
      ▼ <div class="container">
         ▼ <div class="row"> flex
            ▼ <div class="col-md-8">
               ▼ <div class="photo">
                  ▼ <a href="/uploads/d8ba4b1caf4847849cc09db55815c3cc.jpg" target="_blank">
                     <img class="img-fluid" src="/uploads/d8ba4b1….jpg" alt="a tiger laying dancin
                     g"> == $0
                  </a>
               </div>
```