TUTOTIAL

- **We have the login page at the beginning , where we can navigate to sign up page and back.**

After Login

You can either click and add, or drag and drop to "upload images (s) section"

SEARCH ANNOTATED IMAGES

Drag and drop images here or click to upload images to Annotate. Minimum
expected size : 800 x 600

☁ UPLOAD IMAGE(S)

Focus on fast image annotation

If you upload images, it will show up like below, you can either annotate them one by one by the 10 buttons showed up beside each image, or a "group select button" for each annotation is added at the top. for e.g. : if you click "group select airplane " button, all images will be annotated as airplane.

There are options to cancel images individually , or as a whole.

SEARCH ANNOTATED IMAGES

Drag and drop images here or click to upload images to Annotate. Minimum expected size : 800 x 600

☁ UPLOAD IMAGE(S)

✖ CANCEL ALL

AIRPLANE	AUTOMOBILE	BIRD	CAT	DEER	DOG	FROG	HORSE	SHIP	TRUCK

;

AIRPLANE	AUTOMOBILE	BIRD	CAT	DEER	DOG	FROG	HORSE	SHIP	TRUCK	✖ CANCEL
AIRPLANE	AUTOMOBILE	BIRD	CAT	DEER	DOG	FROG	HORSE	SHIP	TRUCK	✖ CANCEL

$$\left(\overline{X_iY}\right)-\left(\overline{X_i}\,\overline{Y}\right)$$

A submit button will show up , only if you annotate at least one image. After clicking submit , the images will start uploading. There is a thin progress bar at the bottom showing progress

AIRPLANE	AUTOMOBILE	BIRD	CAT	DEER	DOG	FROG	HORSE	SHIP	TRUCK	✖ CANCEL
AIRPLANE	AUTOMOBILE	BIRD	CAT	DEER	DOG	FROG	HORSE	SHIP	TRUCK	✖ CANCEL
AIRPLANE	AUTOMOBILE	BIRD	CAT	DEER	DOG	FROG	HORSE	SHIP	TRUCK	✖ CANCEL
AIRPLANE	AUTOMOBILE	BIRD	CAT	DEER	DOG	FROG	HORSE	SHIP	TRUCK	✖ CANCEL
AIRPLANE	AUTOMOBILE	BIRD	CAT	DEER	DOG	FROG	HORSE	SHIP	TRUCK	✖ CANCEL

$$\Rightarrow w_i^* = \frac{\left(\overline{X_iY}\right)-\left(\overline{X_i}\,\overline{Y}\right)}{\overline{X_i^2}-\left(\overline{X_i}\right)^2}$$
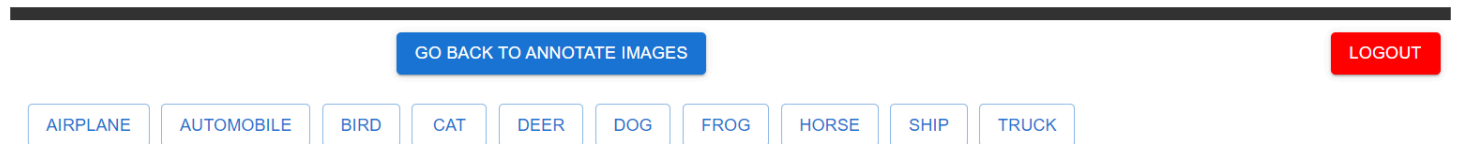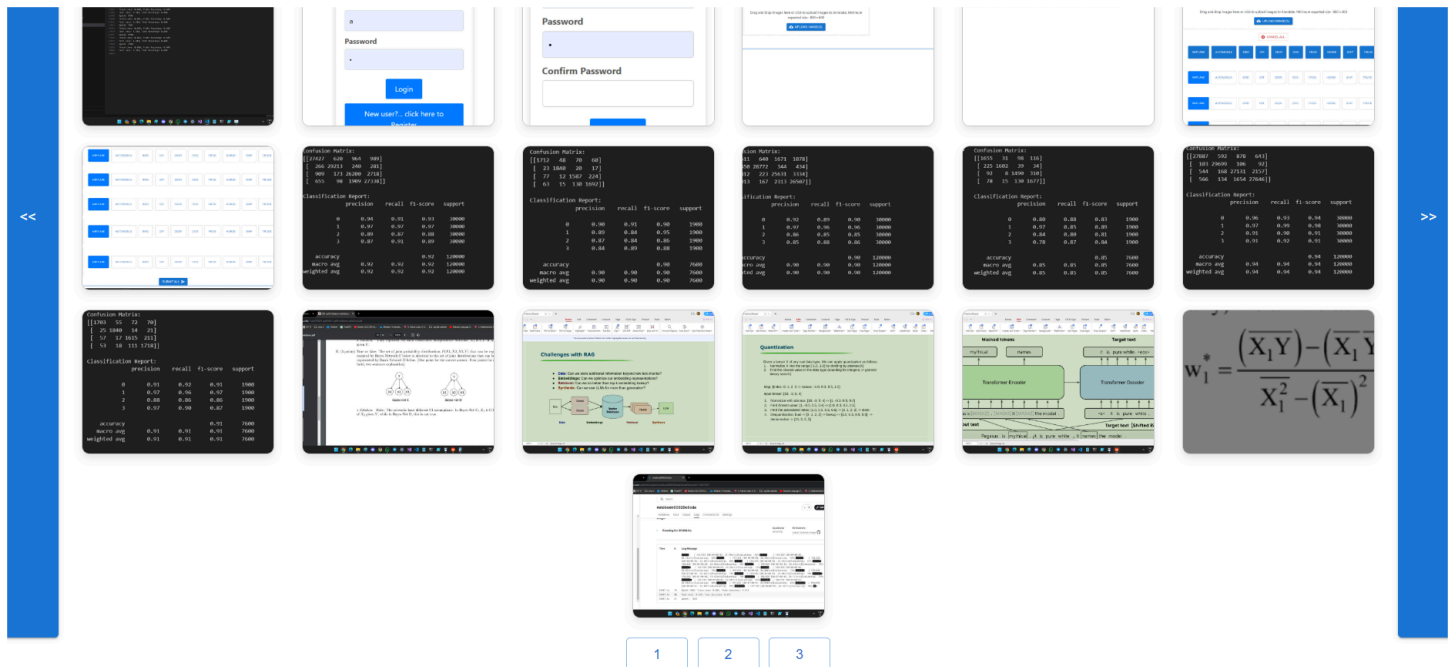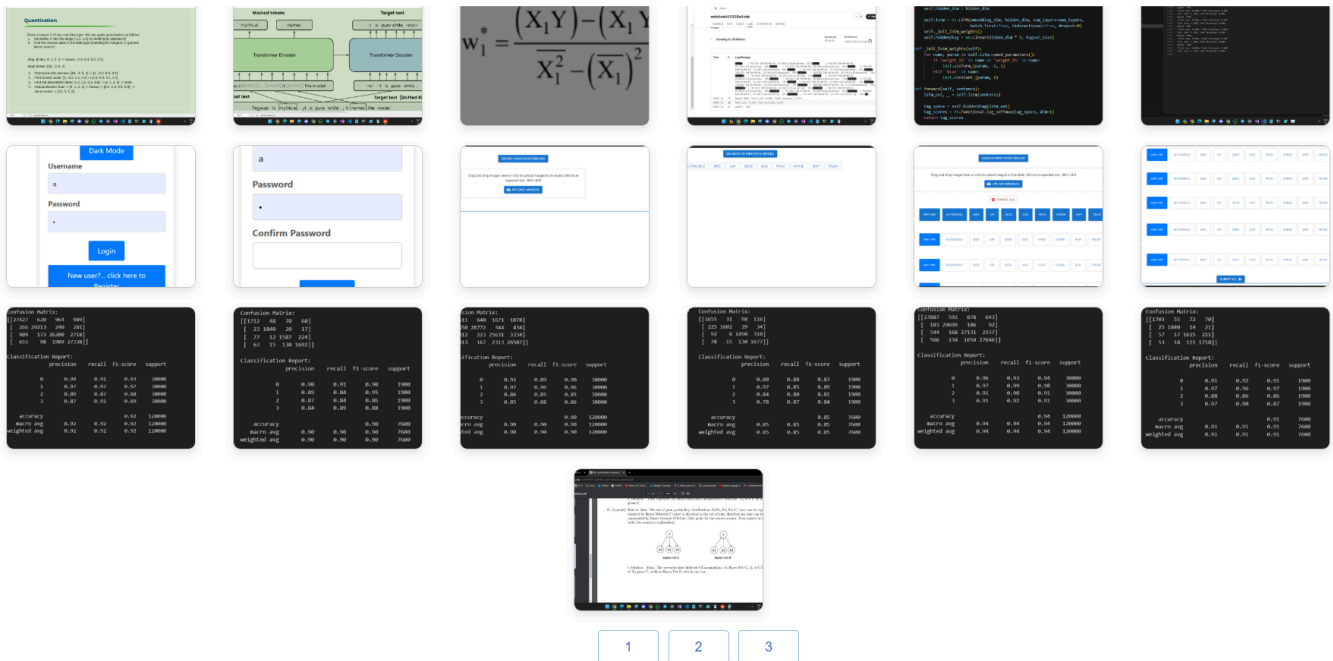
SUBMIT ALL ➤

Search Annotated Images page

 Here you can simply select any of the 10 classes , and the corresponding images will show up in the empty space

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GO BACK TO ANNOTATE IMAGES   LOGOUT

AIRPLANE   AUTOMOBILE   BIRD   CAT   DEER   DOG   FROG   HORSE   SHIP   TRUCK

 Pagination is implemented, if retrieved images exceed 25 images , page labels and "previous page" and "next page" buttons will show up

All Features/Specifications

- User Authentication by **jwt middleware**
- password security by **bcrypt**
- **Scalable** Image storage using **Multer**
- Image processing at backend using **jimp (preprocessed and resized to 800x600 jpeg images)**
- **Search featur**e to retrieve images from backend
- **batch annotation** capabilities
- **MongoDB** used for user data storage , and image metadata storage