



The Superior University

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Semester:4th	Section:4B	Department:SE
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Lab Task 06

Animal Herd Detection

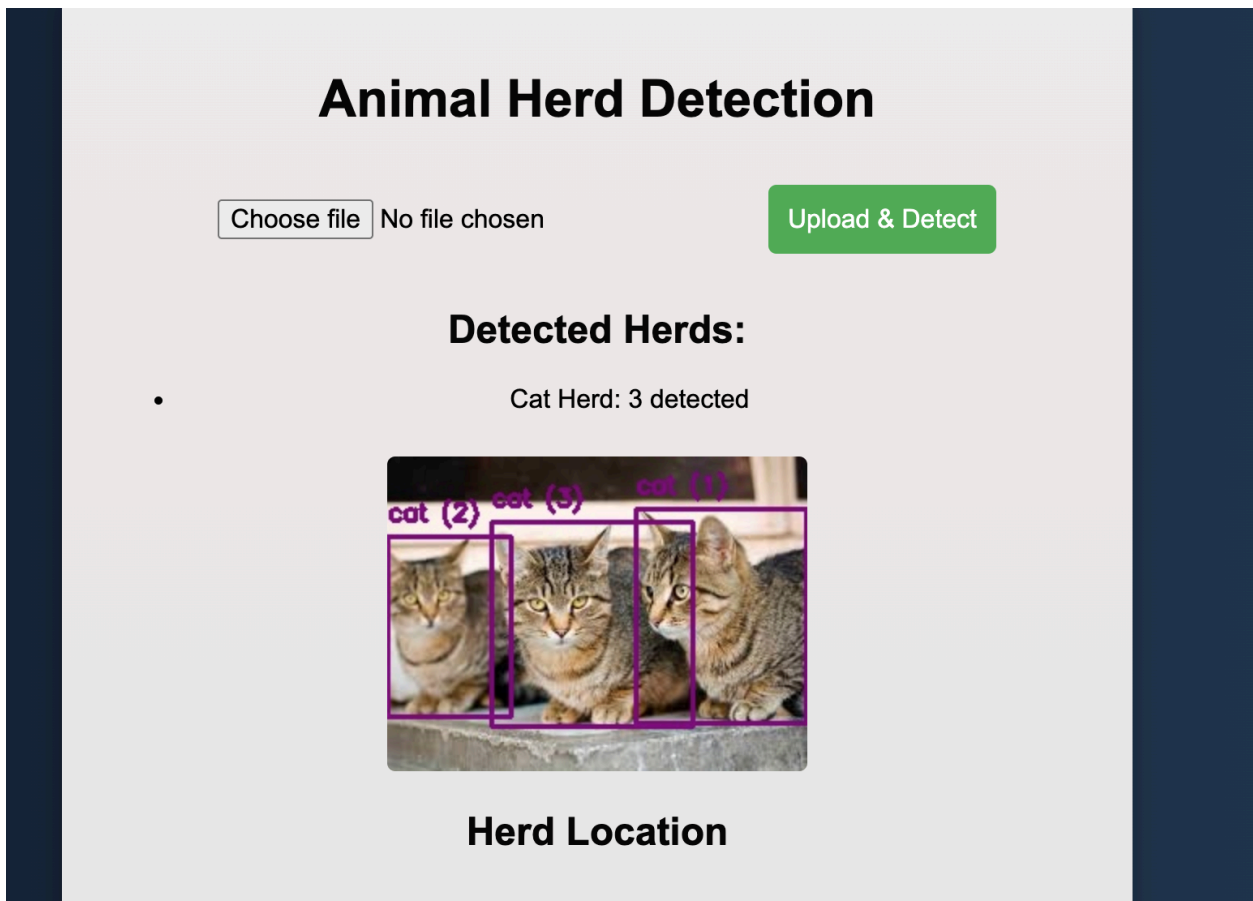
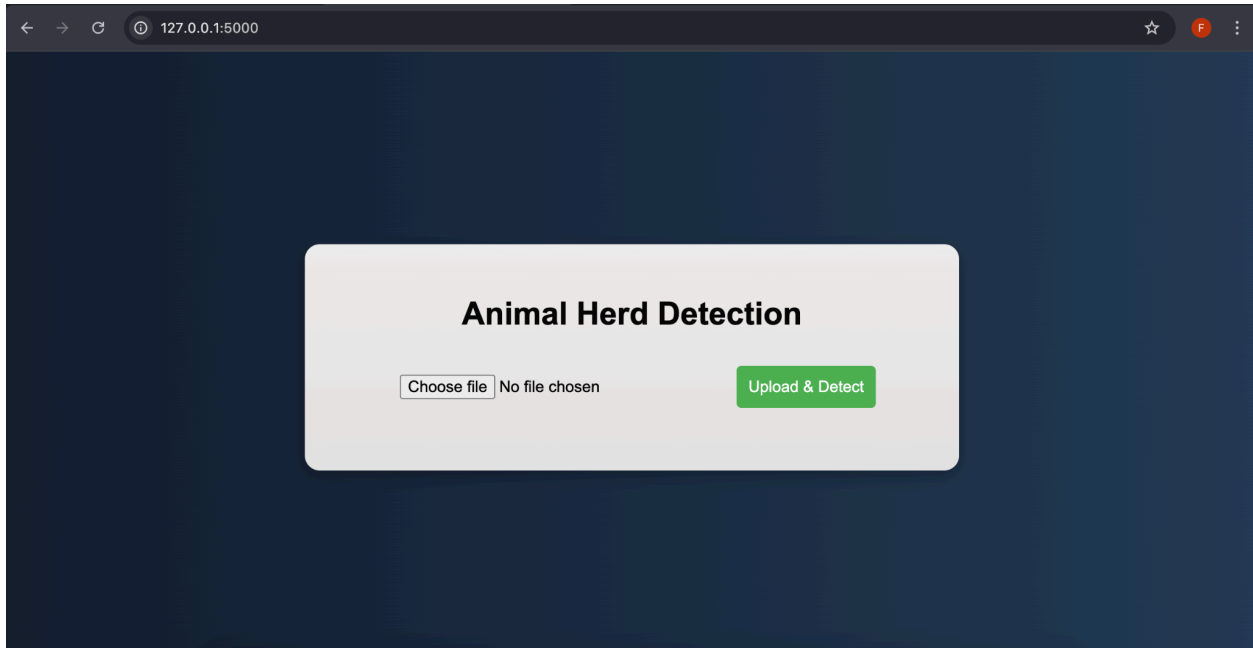
Animal Herd Detection:

This project is a Flask-based web application that detects animal herds in uploaded images using the YOLOv5 deep learning model and marks their locations on an interactive map. The app identifies multiple animal species (e.g., dogs, cats, cows, sheep) and generates a dynamic folium map with a randomized location each time a detection occurs.

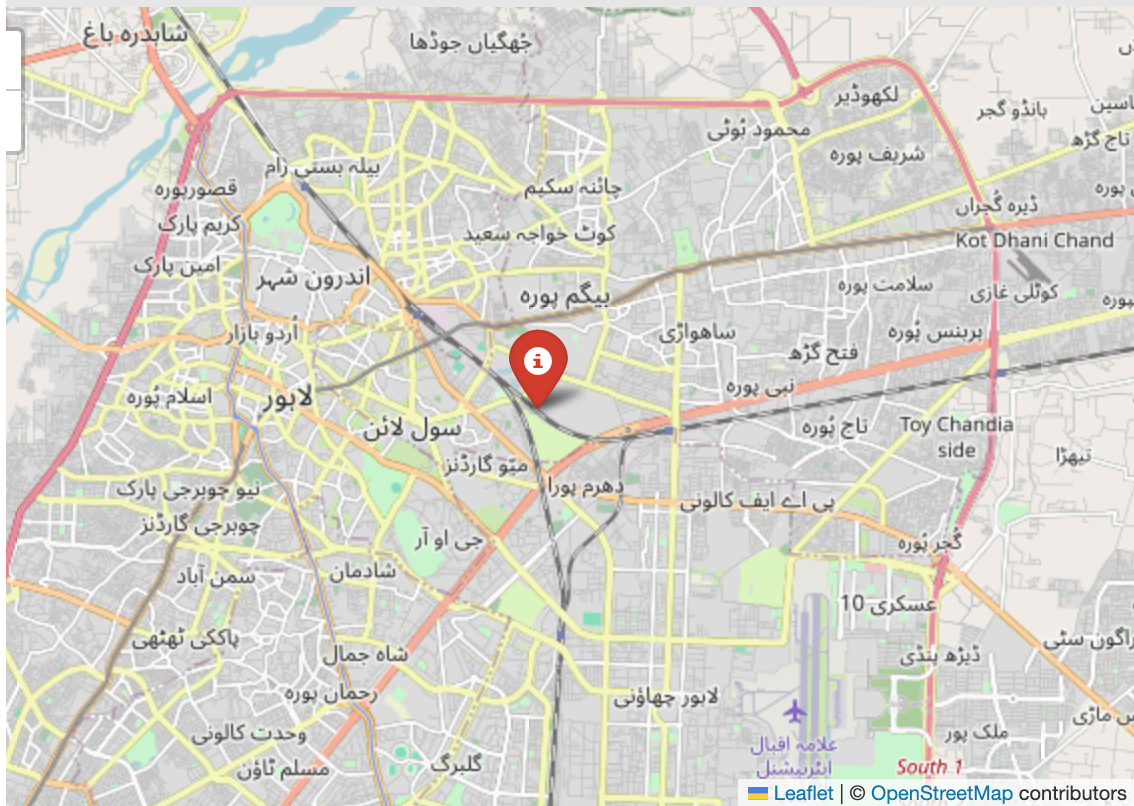
Displaying Results

- The processed image (with bounding boxes) is displayed.

- The detected animals and their count are shown.
- A map with a marker indicating the **randomized herd location** is rendered.



Herd Location



Animal Herd Detection

Choose file

No file chosen

Upload & Detect

Detected Herds:

No animal herd detected

