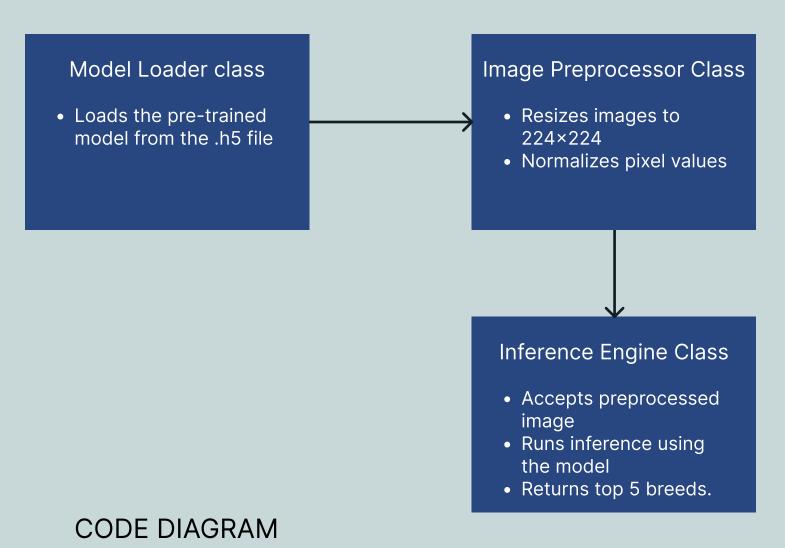


Prediction Module



User's Browser

- Upload Image
- View results

Streamlit Web application

- Web interface module
- Displays uploaded images
- Shows prediction results

Model Inference Service

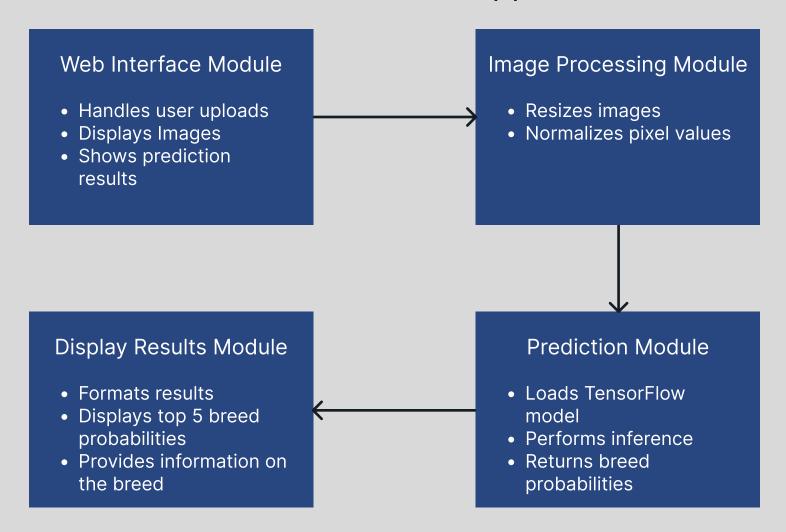
- Loads pre-trained TensorFlow model
- Processes Images
- Makes predictions
- Returns top 5 breed probabilities

TensorFlow Model (saves as .h5 file)

- Trained on dog breeed dataset
- Predicts dog breeds.

CONTAINER DIAGRAM

Streamlit Web App



COMPONENT DIAGRAM