Arshnoor Singh
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Assignment 11

Project Report – LandingLens Object Detection

Project Title:

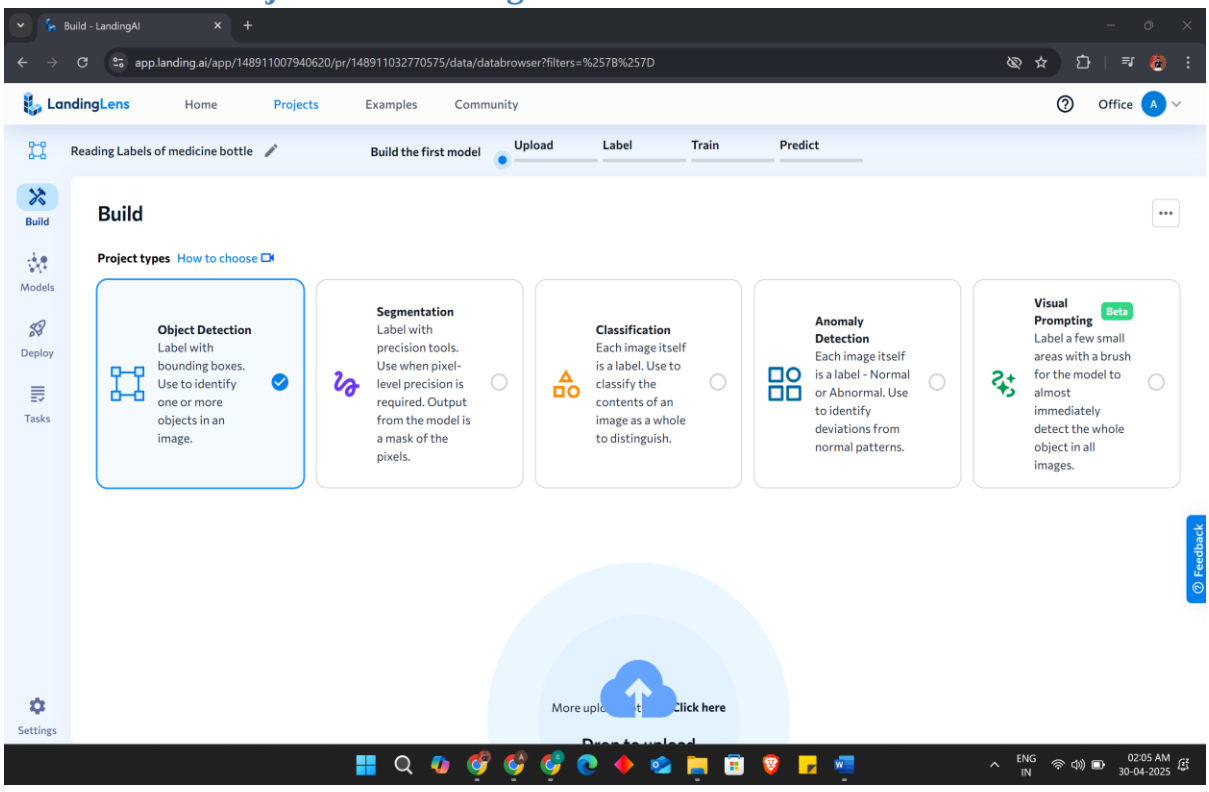
Cognitive Assistant for Reading Labels of Medicine Bottles

Project Idea:

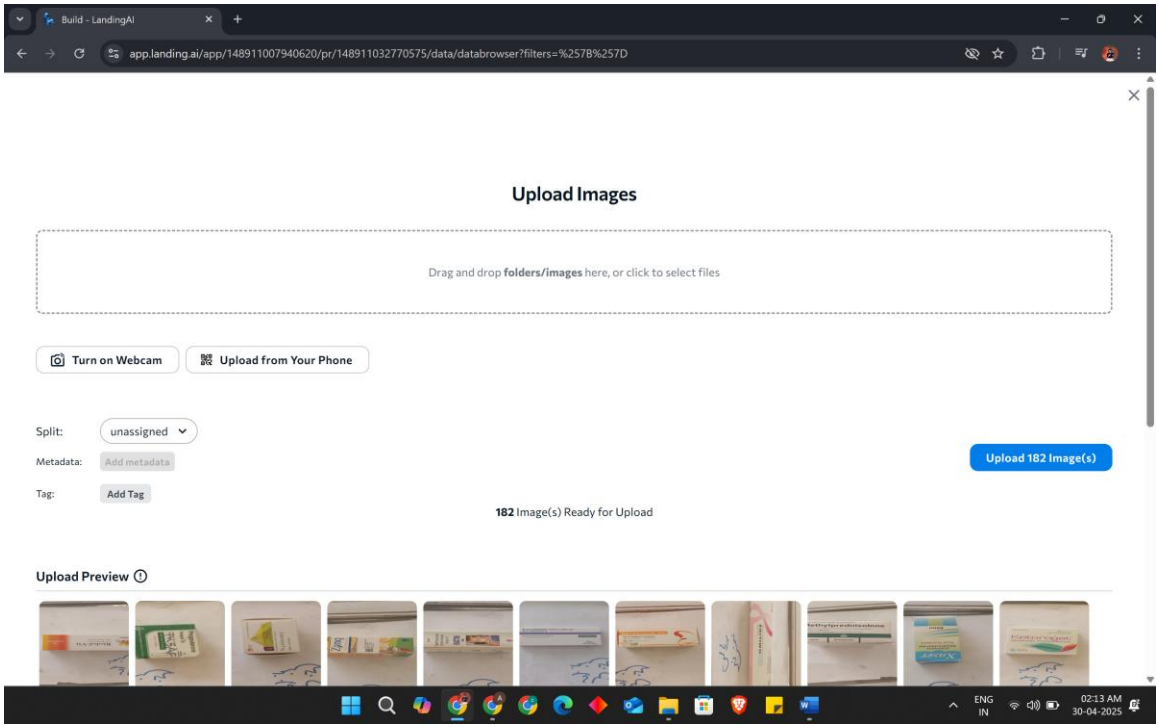
This project involves developing a cognitive assistant capable of reading and interpreting labels on medicine bottles using computer vision. By uploading various images of labeled bottles to LandingLens, a model is trained to detect and extract important information such as medicine name, dosage, and expiry date. This assistant helps patients, especially the elderly or visually impaired, in accurately identifying medicines.

Screenshots

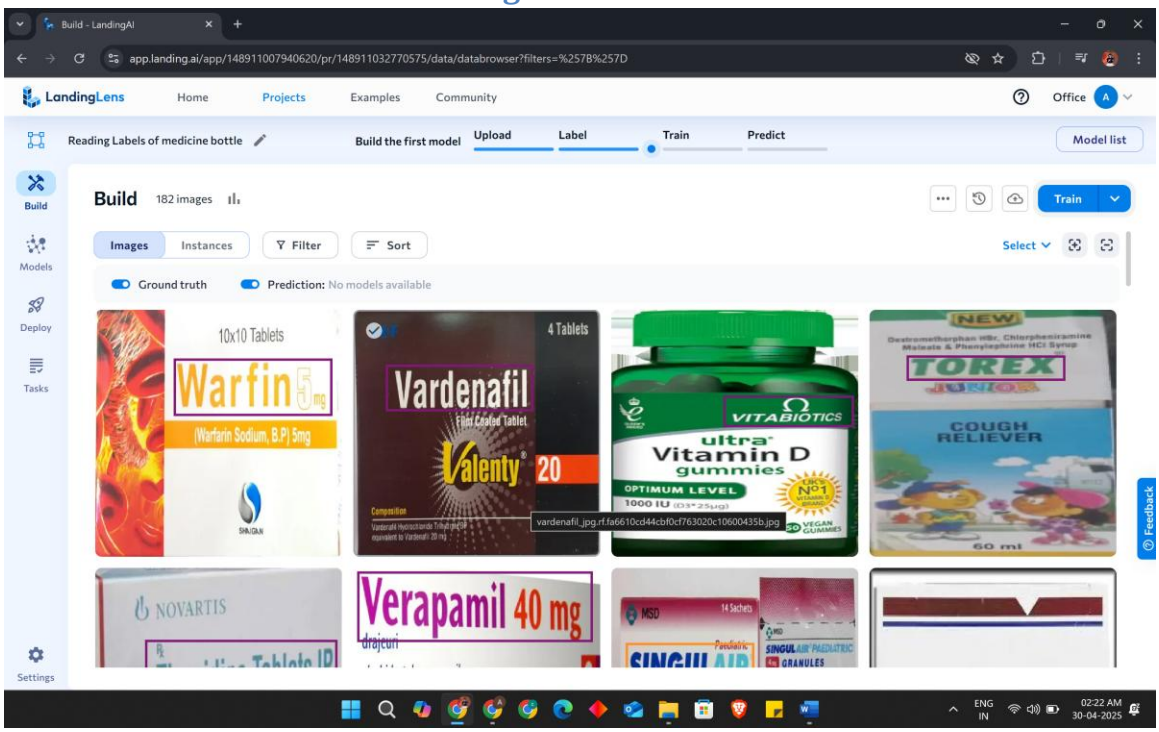
Screenshot 1: Project Creation Page



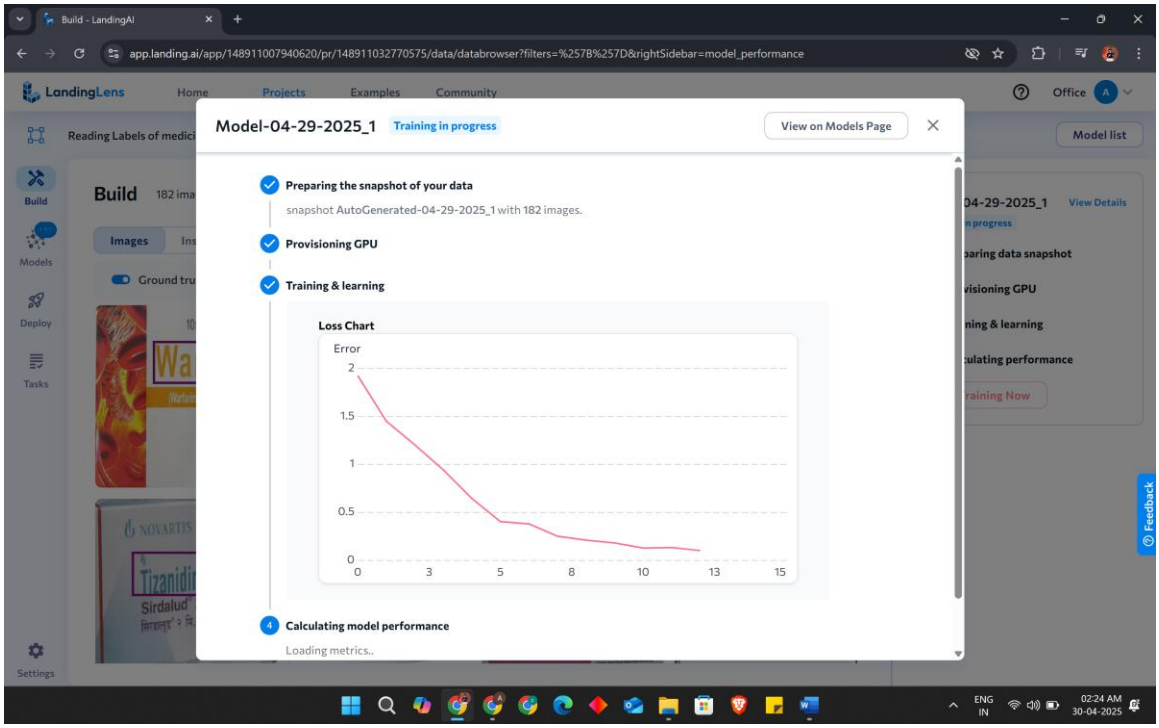
Screenshot 2: Image Upload Step



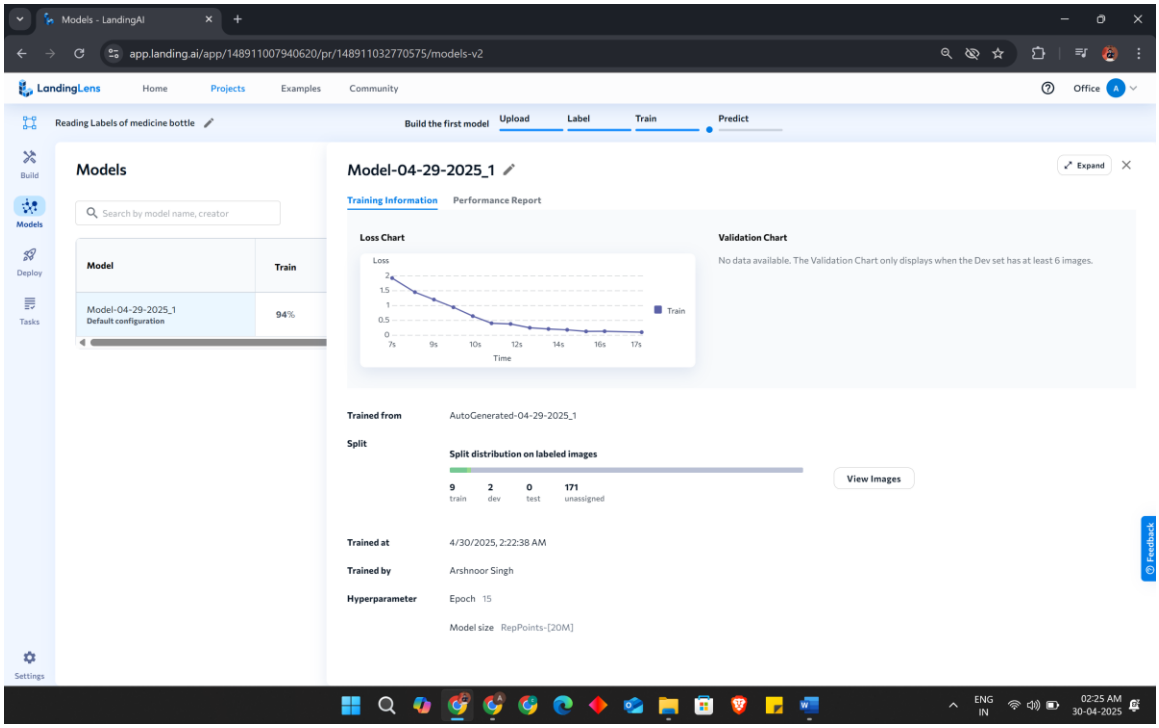
Screenshot 3: Annotation/Labeling Tool

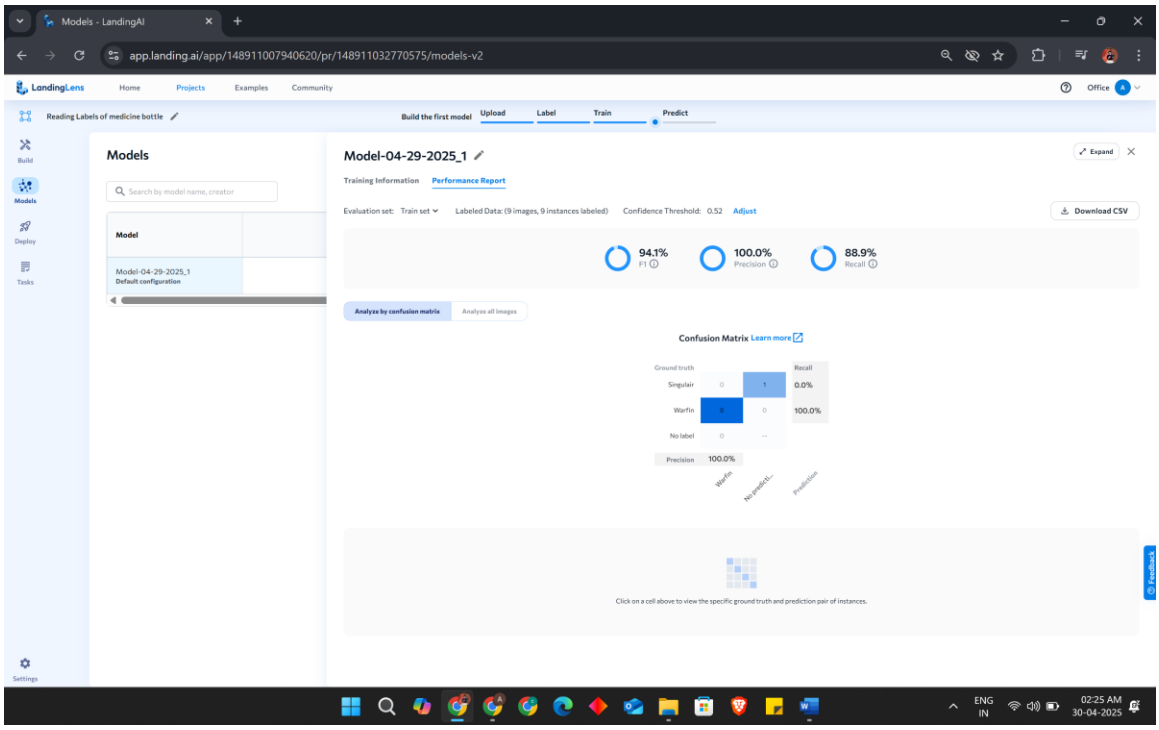


Screenshot 4: Training Progress

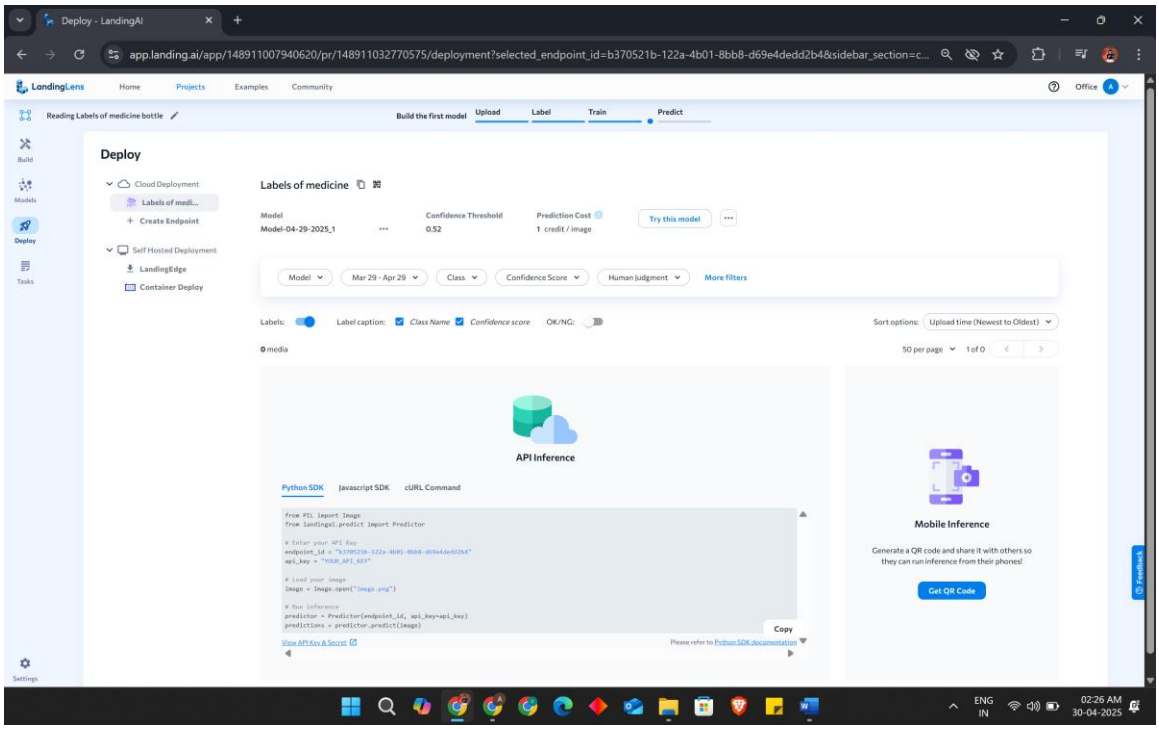


Screenshot 5: Testing Results





Screenshot 6: Deployment or API Interface



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Project Report – LandingLens Classification

Project Title:

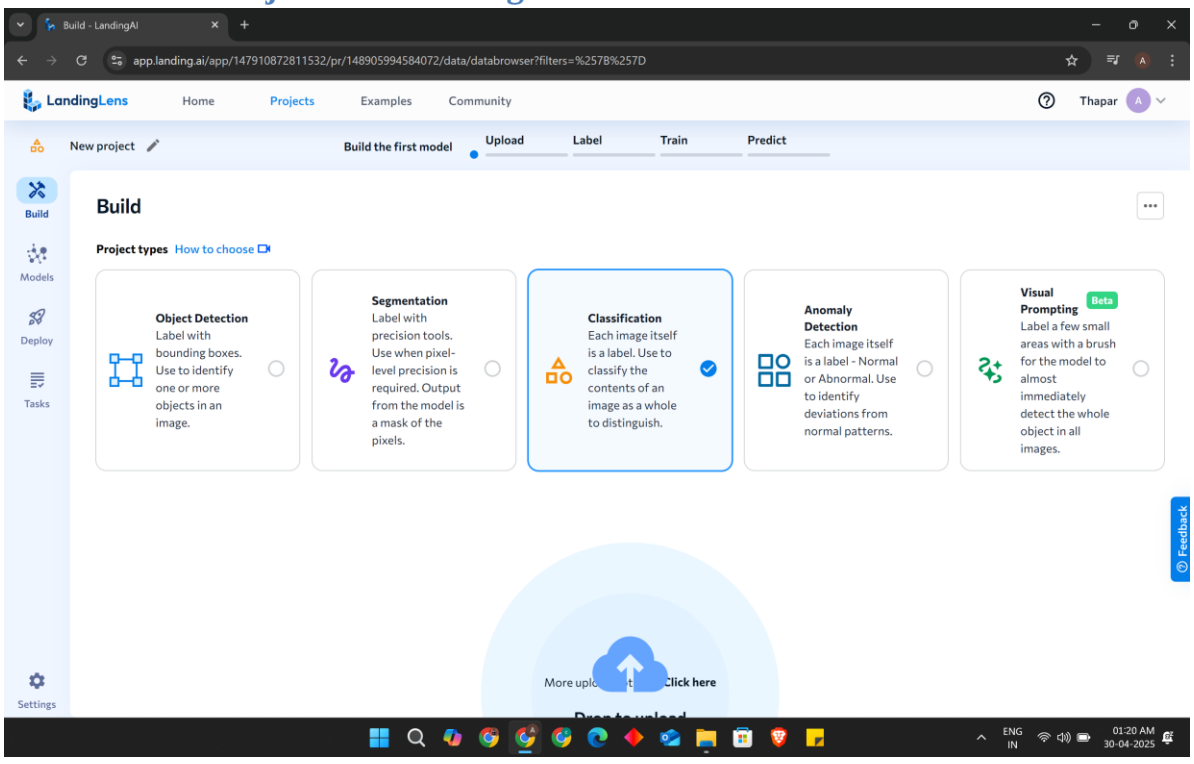
Emotion-aware Cognitive Assistant

Project Idea:

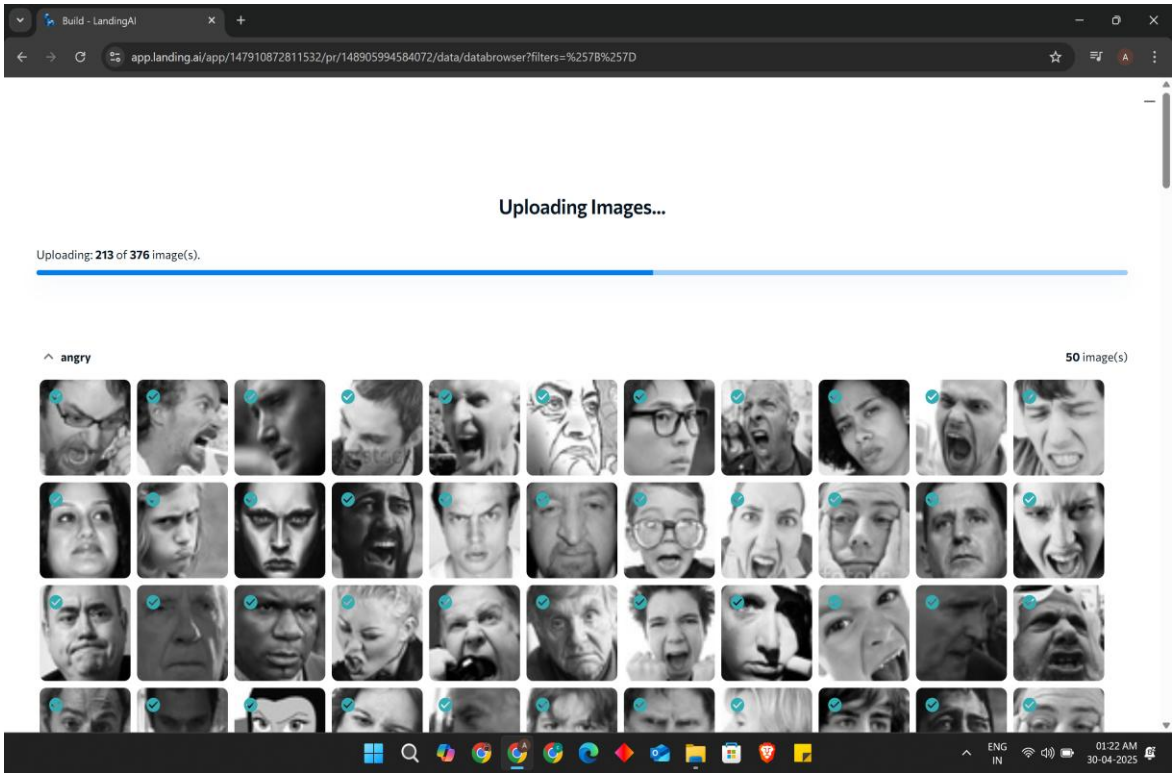
This project aims to develop an emotion-aware cognitive assistant that detects human emotions through facial expression analysis. Using LandingLens, images of different emotional expressions are uploaded and labeled. The trained model classifies emotions like happiness, anger, sadness, etc., in real time. This assistant can be integrated into interactive systems for enhanced user experience and mental health monitoring.

Screenshots

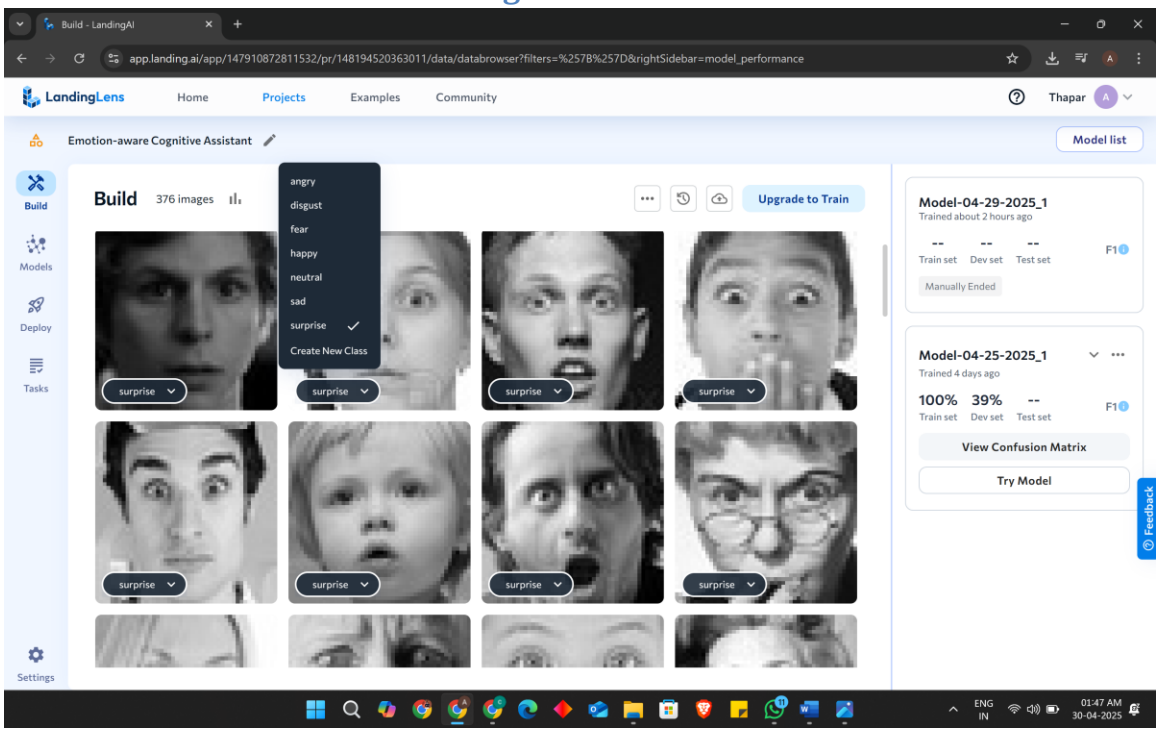
Screenshot 1: Project Creation Page



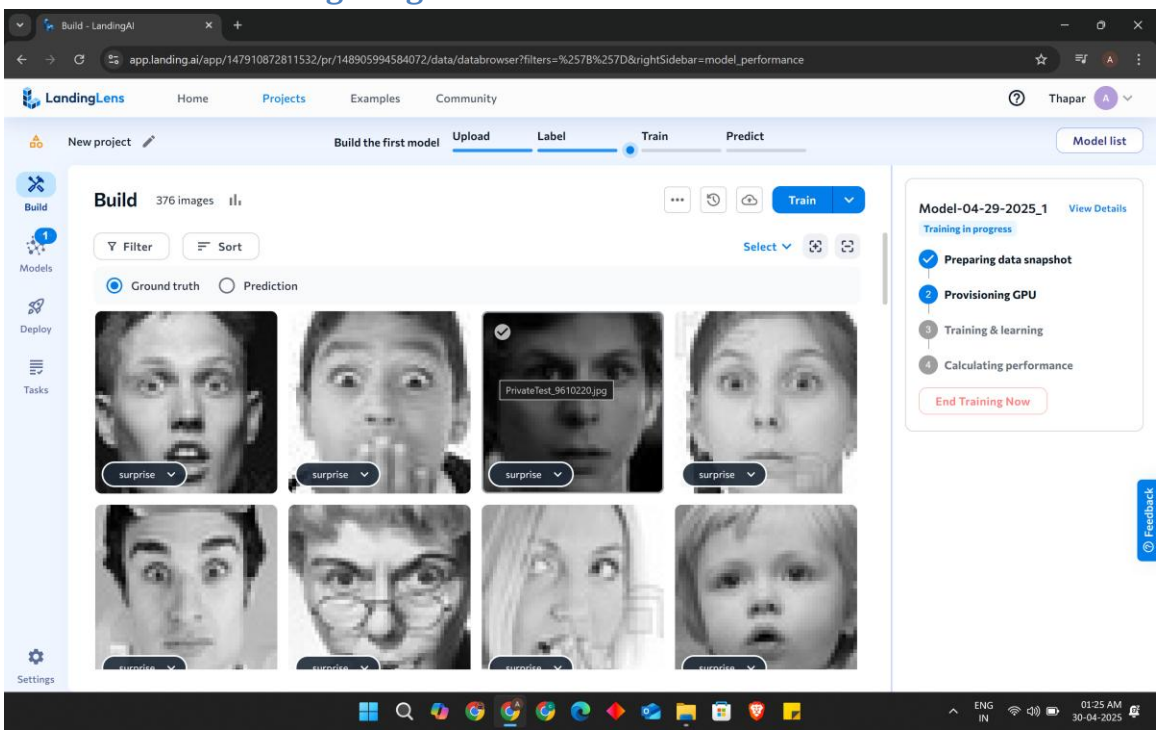
Screenshot 2: Image Upload Step



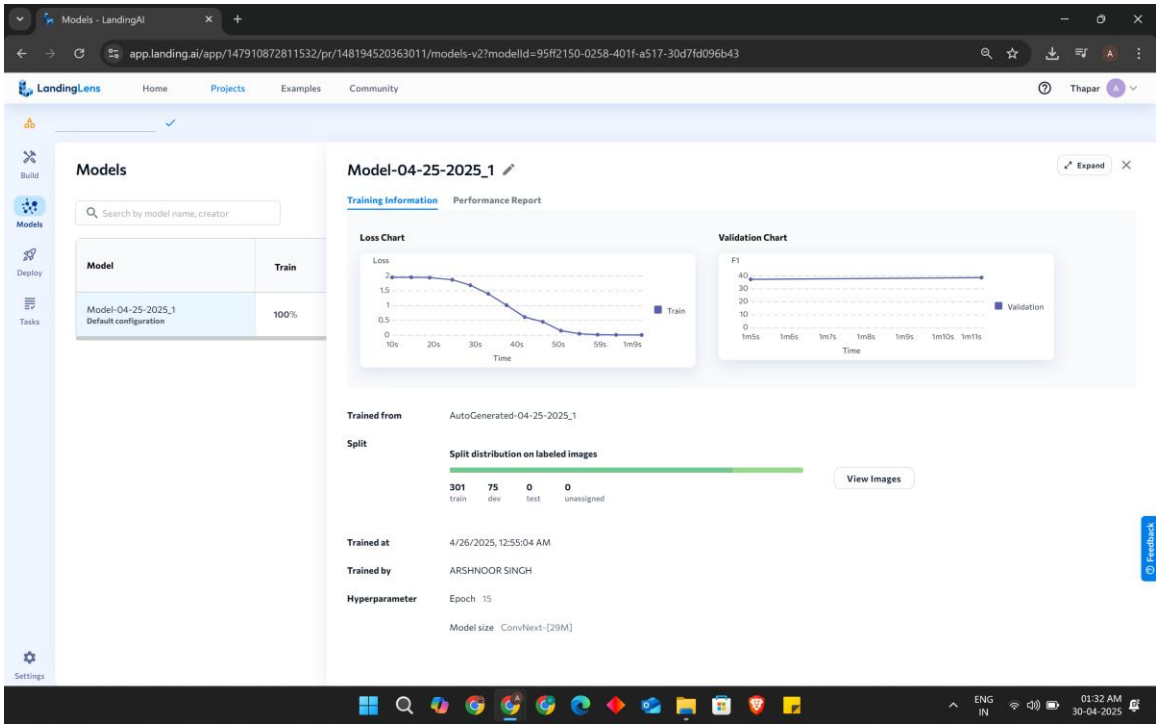
Screenshot 3: Annotation/Labeling Tool

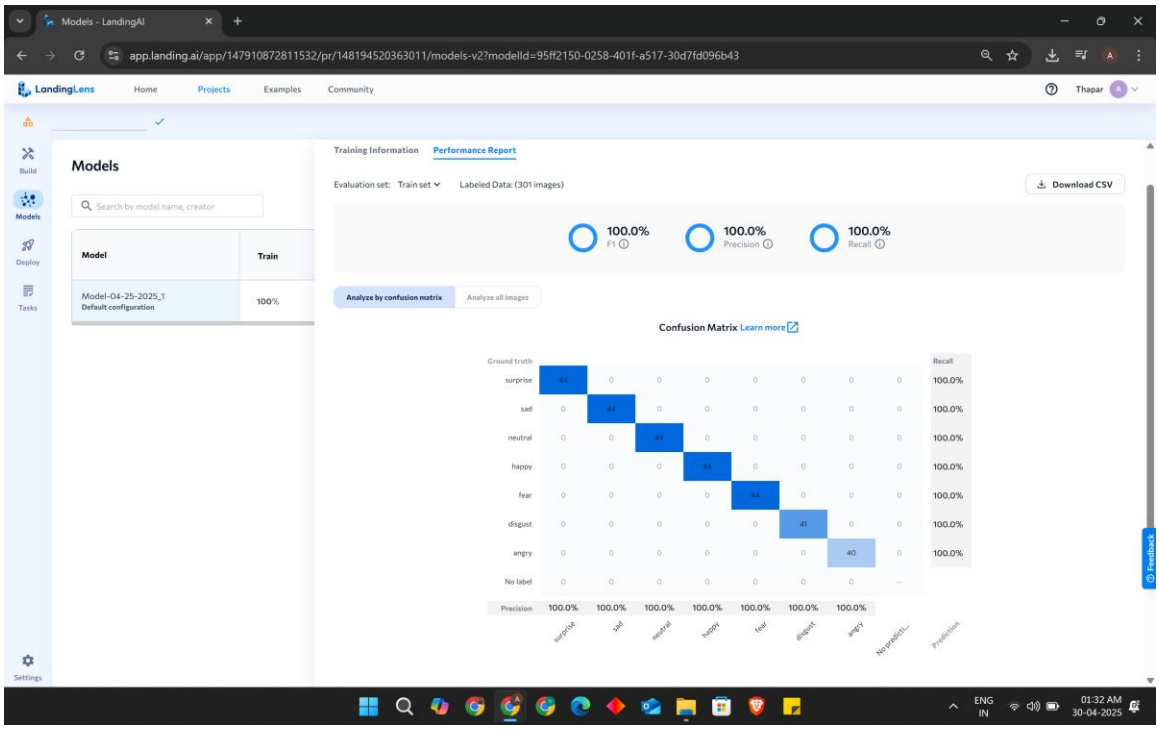


Screenshot 4: Training Progress



Screenshot 5: Testing Results





Screenshot 6: Deployment or API Interface