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# Project Report – LandingLens Classification

## Project Title:

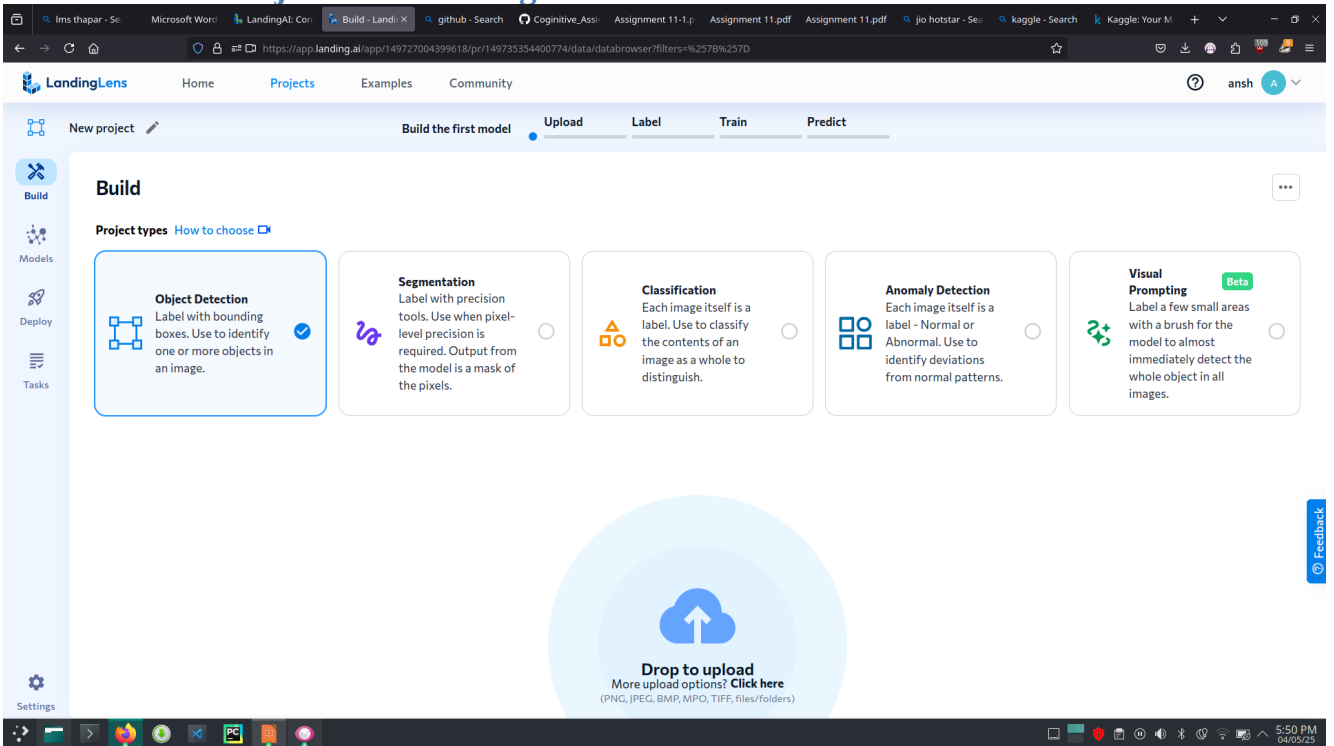
Emotion-aware Cognitive Assistant

## Project Idea:

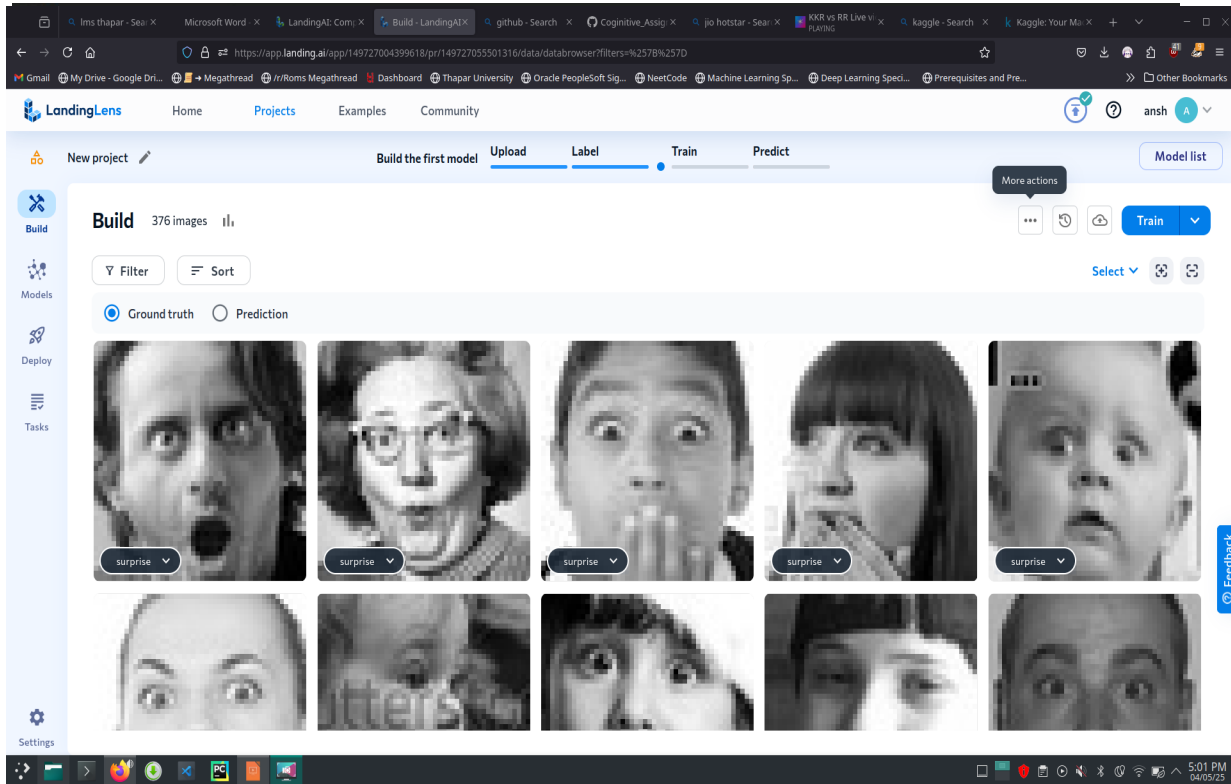
This project aims to develop an emotion-aware cognitive assistant that detects human emotions through facial expression analysis. Using LandingLens, images of different emotional expressions are uploaded and labeled. The trained model classifies emotions like happiness, anger, sadness, etc., in real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

## Screenshots

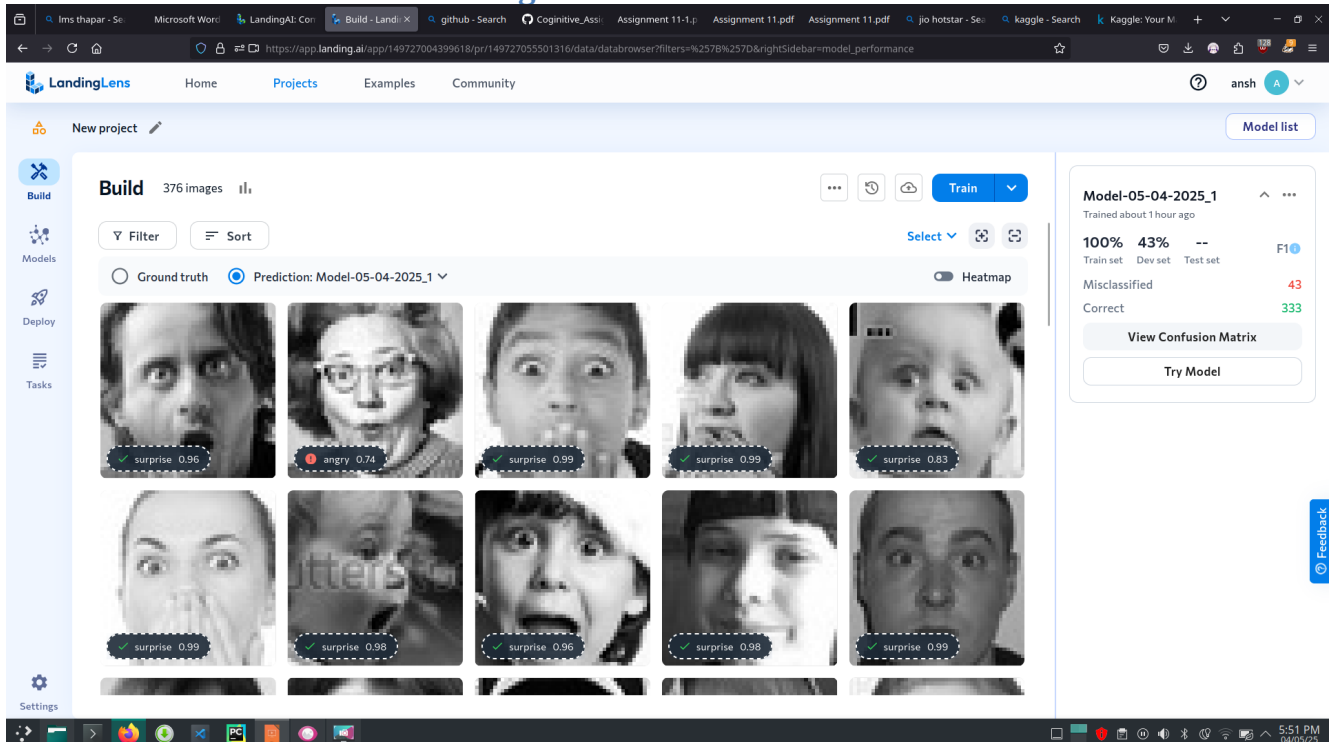
### Screenshot 1: Project Creation Page



## Screenshot 2: Image Upload Step



## Screenshot 3: Annotation/Labeling Tool



## Screenshot 4: Training Progress

The screenshot shows the LandingLens web application interface. The top navigation bar includes 'Home', 'Projects', 'Examples', and 'Community'. The user 'ansh' is logged in. The main section is titled 'Build' and shows 376 images. A 'Train' button is visible. On the right, a sidebar displays the training progress for 'Model-05-04-2025\_1'.

**Build** 376 images

Filter Sort

Ground truth Prediction

surprise surprise surprise surprise surprise

surprise surprise surprise surprise surprise

**Model-05-04-2025\_1** View Details

Training in progress

- Preparing data snapshot
- Provisioning GPU
- Training & learning
- Calculating performance

End Training Now

## Screenshot 5: Testing Results

The screenshot shows the 'Models' section of the LandingLens web application. The 'Model-05-04-2025\_1' model is selected, and its training information is displayed. The 'Loss Chart' shows the training loss decreasing over time, and the 'Validation Chart' shows the validation F1 score increasing over time.

**Models**

Search by model name, creator

Model	Train
Model-05-04-2025_1 Default configuration	100%

**Model-05-04-2025\_1**

Training Information Performance Report

**Loss Chart**

Loss

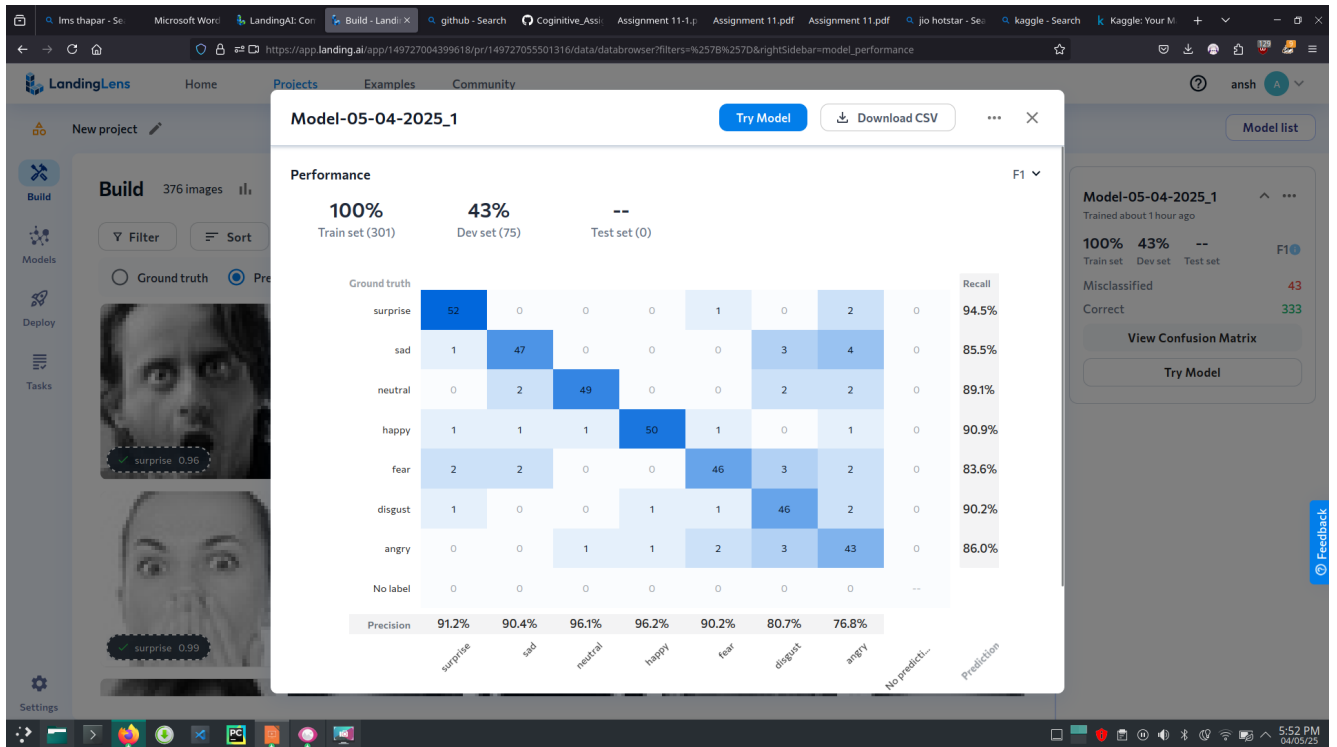
Time

**Validation Chart**

F1

Time

Trained from AutoGenerated-05-04-2025\_1



## Screenshot 6: Deployment or API Interface

Deploy

Cloud Deployment

ansh\_emotion\_detection

Model Model-05-04-2025\_1 Prediction Cost 1 credit / image Try this model

Self Hosted Deployment

LandingEdge

Container Deploy

Model Apr 4 - May 4 Class Confidence Score Human Judgment More filters

Labels: Label caption: Class Name Confidence score Sort options: Upload time (Newest to Oldest)

0 media 50 per page 1 of 0

API Inference

Python SDK Javascript SDK cURL Command