

Reporting No: 9 Week No: 9 From :19/08/2025 To :25/08/2025

Project ID:

Project Title: AutoMarkAI – Smart Image Annotation Tool

WEEKLY REPORT

Work done in last week:

1. Uploaded the collected keyboard and mouse dataset to Roboflow for better dataset management.
2. Created a new project in Roboflow and set up class labels for fixed objects (Keyboard, Mouse, and other selected classes).
3. Manually annotated images by drawing bounding boxes to ensure accurate labeling.
4. Organized the dataset into training, validation, and testing splits within Roboflow.
5. Exported the annotated dataset in YOLO format for integration with the model training pipeline.

Reason for incomplete work:

1. Manual annotation process took significant time due to the number of images.
2. Some images were unclear/low quality, which delayed annotation.
3. Model retraining using the newly annotated dataset not yet started.

Plans for next week:

1. Begin training YOLO model using the Roboflow-exported dataset.
2. Run initial tests on small batches of data to verify annotation correctness.
3. Compare accuracy between the old dataset and the new Roboflow-annotated dataset.

Signature of External Guide

Signature of Internal Guide

Student Id: D24AIML085, D24AIML082

Student Name: Shah Harsh, Chauhan Kunj