# Minutes

Date :June 29

Time:14:00一16:00

Duration :2 hour

Venue: Room N209

Present : Peng Zixuan, Wang Ruihao, Chai Zhenchao

The purpose of this meeting was to review the progress of the object detection software and discuss how to train and calibrate the algorithm for new, specific objects. The meeting also covered how to run the object detection algorithm on various environments (e.g. bright room, dimmed room, etc.) and evaluate its performance. Peng Zixuan presented the simple GUI he had developed for the object detection software and showed how it could display the detected objects and their bounding boxes on the screen. He also explained how he had used a pre-trained model from an online repository and fine-tuned it with the picture samples collected by the team members. Chai Zhenchao, Wang Ruihao,, and Peng Zixuan reported on their tasks of collecting and labeling the picture samples of the cube, the book, and the key respectively. They also shared their feedback on the quality and accuracy of the object detection software based on their own tests. They praised Peng Zixuan for his excellent work and suggested some possible improvements, such as adding more features to the GUI, increasing the robustness of the algorithm, and reducing the false positives and false negatives. Peng Zixuan thanked them for their contributions and agreed to implement their suggestions.

Minutes recorder: Wang Ruihao