Team 21 Milestone3 Review Meeting Summary

Meeting Introduction

Meeting Topic: Review Meeting of the work accomplished during the Milestone 3 of Team 21

Meeting Date: 2024/06/19 21:40-22:35

Meeting Venue: Online Tencent

Meeting Participants:

 Project Team Member: Li Jinhao, Wang Zijian, Guo Ziyu, Guo Xiaojie

Reviewer: Zhu Leyi, Shu He, Yang Tengchao, Tian Xinyang, Zhang Zihan, Yin Peiyuan, Liu Yuanzhe, Li Jinlin

Meeting Content

1. Project Overview: Introduction to the basic situation of our project.Our project is called the Intelligent Manhole Cover Hazard Recognition System, which can identify different conditions of manhole covers.
2. Planned Work Introduction: Overview of the work planned to be completed before this milestone.

   • Integrate the project to create an interface that allows users to identify and classify manhole covers   through images, videos, and real-time camera feeds.

   • Overall project testing

3. Functionality Demonstration:Demonstrate the recognition effect of our currently trained model. Users can upload images, and the system will identify and classify the manhole covers in the images, then return the results to the users. Users can also upload videos, and the system will sequentially output the recognized results from the video. Additionally, users can enable the camera for real-time recognition of targets in the camera feed.

4. Milestone Summary and Feedback:Summarize the completion status of this milestone meeting and prepare for the final presentation. Adjust based on the suggestions and questions from the participants. Currently, our work aligns with the milestone plan, and the planned tasks have been completed before the final deadline.

Questions and Suggestions

Q：Your webpage is in English. Is your system also in English? Are there any plans to support Chinese?

A：I don't think this is our project's main focus. The primary purpose of our webpage is to showcase the effectiveness of our trained model and demonstrate what this model can help us accomplish. It can accurately identify manhole covers and distinguish their status.

Q：I would like to ask where your project can be applied and can it use real-time camera recognition?

A：From the demonstration just now, you can see that our system can use cameras for real-time recognition. As for application areas, I believe it can be integrated with street cameras to monitor manhole covers on the streets in real-time. If any issues are detected, relevant personnel can be promptly notified for maintenance to prevent safety incidents.

Meeting Link

Signatures

郭子瑜　郭晓杰　李金昊

王梓鉴　朱乐怡　束蒜

杨胜超　田鑫阳　张梓瀚

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