Quality & Expansibility

Weekly Report 14: 11/18 - 12/1

To create a product that has unique capabilities, one must not only create the product but focus on the quality and expansibility of the product. Quality and expansibility are fundamental steps for the overall success of a product.

These past weeks I had the opportunity to enhance the quality of my original work through external guidance. In doing so, I was able to develop a more intriguing and presentable end product.

The field of computer vision is relatively new and so much of the information that currently exists over it is rather narrow in scope. This, in turn, caused problems to arise when trying to figure out how to improve the quality of the overall product. Despite this being a daunting challenge, the answers I needed were quickly formulated when an image processing engineer reached out and offered his assistance. Because of the assistance he offered, my original work will now no longer be a high-school level project but rather an industry level project. Additionally, this professional insight is immensely beneficial because of the different perspectives of completing certain checkpoints within the original work. All in all, the insight delivered allows for the end product to be a step up from anything that was previously created.

Reflecting for the future, I was able to thoroughly take note of quality adjustments of my project well; however, expansibility was largely untouched this past week. Going forward, a central goal will be to develop ideas for expansibility and possibly even industrial use. If this can be fulfilled, then the research that has already been conducted along with any future research will have been synthesized into a product that delivers it all.

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