CHAPTER 6

CLOSING

6.1 Conclusion

According to the previous chapter's discussion, the conclusion is as follows:

1. This thesis can make an alternative framework for TCCS as a part of ATD system to get more consistent color classification result.

2. The proposed framework is intended to get a consistent result of tongue image for public online used case in case of sensor-independent.

3. The proposed framework experiment has successfully improved the result for the sensor-independent used case.

4. The proposed framework can help the improvement of the environment-independent used case.

6.2 Limitation & Future Works

The proposed framework's result in the environment-independent is still not as good as sensor-independent which is caused by different light spread in a different area. In order to do improvement in environment-independent case, it needs to add more layer in the framework to handle the light spread which cannot be done in this chance because of the time limitation and knowledge limitation.

In the future, this framework is expected to have a better result by adding a layer to improve the quality of the environment-independent case. Moreover, this framework still depends on the X-Rite color checker as a reference which will reduce the simplicity to do diagnose in public online used cases. For the improvement, it's expected to do estimation without X-Rite color checker in the future. Besides that, the improvisation for making it real-time also can be considered for the future research.

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