**Supervisor’s Assessment Report**

Student: Truong Duc Tuan

Supervisor: Assoc. Prof. Chng Eng Siong

Research Title: Noise-robust Automatic Speaker Verification.

**Supervisor’s Remarks**

Truong Duc Tuan matriculated in NTU as full-time Ph.D. student in January 2023. To date, he completed all required coursework with the CGPA of 4.83.

He has published 2 peer-reviewed conference paper as first author:

1. **Truong, D.T.,** Tao, R., Yip, J., Aik Lee, K., & Chng, E. (2024). Emphasized Non-Target Speaker Knowledge in Knowledge Distillation for Automatic Speaker Verification. In ICASSP 2024 - 2024 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP) (pp. 10336-10340).
2. **Truong, D.T.,** Tao, R., Nguyen, T., Luong, H.T, Aik Lee, K., & Chng, E. (2024). Temporal-Channel Modeling in Multi-head Self-Attention for Synthetic Speech Detection. To be appear at INTERSPEECH 2024.

Truong Duc Tuan has made good progress on his research topic. He has carried out broad investigation of his research topic, implemented various baseline models and proposed novel methods to improve the robustness of speaker verification system. He has acquired good knowledge in speaker verification with experience from supervised models to leverage large self-supervised models.

Overall, I am satisfied with the student’s performance and support the submission of his QE report.

Date: 11-July-2024

Signature: