

**Appendix 4.2**

**Spoof Detection for Automatic Speaker Verification  
Fourth Meeting: Final Meeting  
Report/Minutes Form**

**I. Organizer:**

Name:	Kasorn GALAJIT
Position:	Researcher / Project Leader
Institution:	National Electronics and Computer Technology Center

**II. Program:**

Date: 25-26 February 2026

Venue: Mandarin Hotel, 662 Rama IV Road, Silom, Bangkok, Thailand

**Program Agenda:**

Feb 25	09:00 - 09:30	Registration
	09:30 - 09:40	Welcome remarks by local host (Dr Jessada)
	09:40 - 09:50	Welcome remarks by Project leader (Dr. Kasorn)
	09:50 - 10:00	Photo session
	10:00 - 10:20	NECTEC's research progress and Project Conclusion (Dr. Kasorn)
	10:20 - 10:40	Break
	10:40 - 11:00	SIIT's research progress (Kosin)
	11:00 - 11:30	NPSU and UCSY 's research progress (Dr. Win pa pa)
	11:30 - 12:00	UCSY's research progress (Dr. Win pa pa)
	12:00 - 13:30	Lunch
	13:30 - 14:00	UBD's research progress (Dr. Yasssin)
	14:00 - 14:30	JAIST's research progress (Prof. Candy)
	14:30 - 15:00	ITB research progress (Prof.Dessi)
	15:00 - 15:30	Break
	15:30 - 16:00	Research discussion
16:00 - 16:30	Discussion + Q/A	
Feb 26	09:30 - 10:30	Discussion on outcome of project
	10:10 - 11:00	Break
	10:30 - 12:00	Discussion on outcome property and sharing
	12:00 - 13:30	Lunch
	13:30 - 14:30	Research Remaining and how to continue
	14:30 - 15:00	Break
	15:00 - 16:00	Project conclusion

**III. Participants:**

No.	Name	Organization
1	Candy Olivia Mawalim	JAIST
2	Pakinee Aimmanee	SIIT
3	Waree Kongprawechnon	SIIT
4	Sasiporn Usanavain	SIIT
5	Kasorn Galajit	NECTEC
6	Jessada Karnjana	NECTEC
7	Suradej Duangpummet	NECTEC
8	Surasak Boonkla	NECTEC
9	Phondanai Khanti	NECTEC
10	Win Pa Pa	NSPU, USCY
11	Hay Mar Soe Naing	NSPU, USCY
12	Aye Mya Hlaing	NSPU, USCY
13	Dk Hayati Pg Hj Mohd Yassin	UBD
14	Dessi Puji Lestari	ITB
15	Sittichai Charti	Press From NECTEC
16	Kosin Kalarat	Intern From NECTEC

**IV. Summary of the activities corresponding to the objectives.**

1. Objective of event

The Fourth meeting of the ASEAN Language Project aims to achieve two key objectives: progress tracking and project conclusion.

1. The first objective is progress tracking. We have two sub- objectives as follows,
  - Research sharing: We will share the research completed by each institution. Therefore, each institute can learn from other experiences, as well as give advice.
  - Following Up on Outputs: The meeting will also review deliverables submitted by each institute.
2. The second objective is conclusion and future collaboration. The goal is to conclude the product of the project since it is the final meeting as well as discuss about the future collaboration. We have two sub- objectives as follows,
  - Conclusion: We will conclude the product of the project a.
  - Future collaboration: The meeting will also discuss future collaboration.

2. The activities corresponding to the objectives.

The activities corresponding to the objectives are as follows,



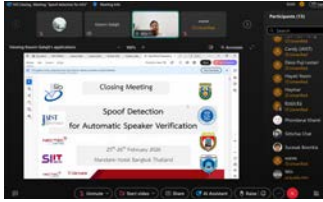



Objective	Status
1. The first objective is progress tracking.	Done
1.1 Research sharing:	Done
1.2 Following Up on Outputs:	Done

2. The second objective is conclusion and future collaboration.	Done
2.1 Conclusion:	Done
2.2 Future collaboration:	Done

**Activities correspond to the objective.**

1. The first objective is progress tracking.  
Sub-objective – Research Sharing

Representatives from each institute update about the research status.

		
Kasorn (NECTEC)	Kosin (SIIT)	Dr. Win Pa Pa (UCSY, SPSU)
		
Dr. Yassin (UBD)	Dr Candy (JAIST)	Dr. Dessi (ITB)

Each institute updates the progress from each institute,  
Therefore, we have conclusion as follows.

NECTEC, focus on webpage for predict the spoof sound.

SIIT, focus on fusion features to detect spoof sound.

NPSU and UCSY, focus on dataset improvement and benchmark,

Dataset delivered:

UCSYSpoof — curated, labeled, and validated for spoofing voice.

Benchmark BonaFide — genuine / authentic samples used as a contrast to be spoofed, fake, or synthetic data

Model innovations: Traditional GMM, Pretrained FreeVC, GAN-based neural vocoder for Myanmar end-to-end synthesis

UBD, send students to ITB and collect the Bahasa Brunei speech dataset.

JAIST, focus on ASEAN language dataset. They are not only collecting dataset from each country, also collect more language such as Vietnam, Chinese, Japanese.

ITB, their work focuses on (1) detection of synthetic speech with additional pathological features and (2) Improving the performance of RawNet2-Based voice spoofing detection models on long-form audio using Wav2Vec 2.0. and (3) Enhancing

Indonesian deepfake speech localization with pathological features

1. The first objective is progress tracking.

Sub-objective – Following Up on Outputs:

The output for this year is as follows,

NECTEC, 1 webpage and 1 international conf. (ISAI2025)

SIIT, 1 international conf. (AWIST2025)

NPSU 1 international conf. and benchmark for Myanmar dataset.

UBD, Bahasa Brunei speech dataset (Not yet done).

JAIST, ASEAN language dataset (Not yet done). 1 national conf (ASJ Spring) and 2 international conf. (ICAICTA 2024, APSIPA2025)

ITB, 2 international conf. (O-Cocosda 2025, USENIX Security 2025)

The second objective is conclusion and future collaboration.

The activities to support the objectives are from discussion.

Conclusion:

The project meets requirements for all, and the remaining work can be done.

Future collaboration:

1. ITB and UBD will work together on Bahasa Brunei speech dataset. UBD will send students on next semester's break to collect more data.
2. NSPU and NECTEC join the project on Speech recognition. It is on the progress of proposal in under consideration.
3. UBD and NECTEC will manage the workshop together next fiscal year. This is on planning.

3. Describe, in detail, if there are changes in the work plan, project schedule, budget allocation, etc. from the initial proposal.

There are some changes as follows:

1. The itinerary of Dr Dessi changes from 24-26<sup>th</sup> February to be 24-27<sup>th</sup> February. The reason for changing is Prof. Dessi has requested to move her return flight from February 26 to February 27. Because if she leave on 26<sup>th</sup>, requiring her to take a late-night flight followed by a 5-hour bus ride to Bandung. To avoid a long wait for transportation in the early morning hours, she would prefer to depart on next day instead.

Summary of Changes:

Accommodation: One additional night in Bangkok (Feb 26).

Flight Cost: The new fare is 9,422.71 THB, which is increase from the original 7,015 THB.

Myanmar team cannot join onsite since their permission to travel abroad is not approved due to long holiday periods and lunar new year which let have short time for submit the permission. Thus, they join the meeting online instead.

Summary of Changes: No cost for flight fee and accommodation.

2. There is the additional cost of Taxi (round trip from Phayathai station to

Mandarin Hotel) . The reason is the Airport Rail Link’s last stop from the airport is Phaya Thai Station. There is no direct Airport Rail Link connection from Phaya Thai to Mandarin Hotel. Note: She is not claiming the travel from the airport to Phaya Thai, as the payment was made in cash and there is no public transport from Hotel to Airport link

**V. Others.**







