PERFORMANCE TESTING

TEAM ID	PNT2022TMID47713
PROJECT NAME	REAL-TIME COMMUNICATION SYSTEM POWERED BY AI FOR SPECIALLY ABLED

GESTURE CONTROL SLIDE

Function	Start showing	Previous page	Next page	Ball point pen	Lineation	End the screening
Gesture	Raise your right hand	Right hand up	Right hand down	Right hand to right	Fingertips	Raise your left hand

RECOGNITION RESULTS OF NORMAL GESTURES

Gesture	Raise your right hand	Right hand up	Right hand down	Right hand to right	Fingertips	Raise your left hand
Recognition accuracy(%)	93.1	94.2	98.5	92.1	89.5	97.4

RECOGNITION RESULTS OF MIXED NORMAL AND ABNORMAL GESTURES

Gesture	Raise your right hand	Right hand up	Right hand down	Right hand to right	Fingertips	Raise your left hand
Recognition accuracy(%)	95.6	94.6	94.3	98.5	88.4	90.2

TEST OF INTERACTION DELAY IN SYSTEM IMPLEMENTATION

Number of testes	Interaction delay (ms)	Traditional method delay (ms)
1	54	187
2	66	155
3	57	144
4	70	196
5	49	191