

Appendix 1: Results of the first experiment testing the short commands by different people at different distances.

Shorter commands									
Test №	Voice owner	Tester	Testing distance	Trial	Commands				
					Turn yellow	Turn red	Turn green	Right	Left
1	Federico	Federico	12 cm	1	+	+	+	+	+
				2	+	+	+	+	-
				3	+	+	+	+	+
				4	+	+	+	+	+
				5	+	+	+	+	+
2	Federico	Athiya	12 cm	1	-(red)	+	+	+	-
				2	-	+	-	+	-
				3	-(red)	+	-	-	-
				4	-(red)	+	+	+	-
				5	-(red)	+	-	+	-
3	Federico	Alina	12 cm	1	-	-	-	-	+
				2	-	-	-	-(left)	+
				3	-	-	-	-(green)	-(right)
				4	-	-	-	-(yellow)	-(right)
				5	-	-	-	-(left)	-(right)
4	Federico	Athiya	As close as possible	1	+	+	+	-(red)	+
				2	+	+	-(noice)	+	+
				3	-(red)	+	+	+	+
				4	-	+	+	+	-(right)
				5	+	+	-	+	-(right)
5	Federico	Alina	As close as possible	1	-(right)	-(left)	+	-(left)	-(right)
				2	-	-(left)	+	-(yellow)	+
				3	-	-(left)	-(left)	-(left)	+
				4	-(left)	-(right)	-(left)	-(left)	+
				5	-	-(right)	-(right)	+	+
6	Alina	Alina	12 cm	1	+	+	+	+	+
				2	+	+	+	+	+
				3	+	+	+	+	+
				4	+	+	+	+	+
				5	+	+	+	+	+
7	Alina	Athiya	12 cm	1	+	-	-(red)	+	-
				2	-	-	+	-	-
				3	-	-	+	+	-
				4	-	-	+	-	-
				5	-	-	+	+	-
8	Alina	Federico	12 cm	1	+	-	+	-(left)	+
				2	-	-	+	-(left)	+
				3	-	-	+	-(left)	+
				4	-	-	+	-(left)	+
				5	-	-(green)	+	-(left)	+
9	Alina	Athiya	As close as possible	1	-(red)	+	+	+	+
				2	+	+	-(red)	+	+
				3	+	+	+	+	+

				4	+	+	-(red)	+	+
				5	+	+	+	+	+
10	Alina	Federico	As close as possible	1	-(green)	+	+	-(left)	+
				2	+	+	+	-(left)	+
				3	+	+	+	+	+
				4	+	+	+	-(left)	+
				5	+	+	+	+	+
11	Athiya	Athiya	12 cm	1	+	+	+	+	+
				2	+	+	+	+	+
				3	+	+	+	+	+
				4	+	+	+	+	+
				5	+	+	+	+	+
12	Athiya	Alina	12 cm	1	+	+	-	+	+
				2	-(red)	+	-(left)	+	+
				3	-(red)	-right	+	+	+
				4	-(red)	-(left)	-(left)	+	+
				5	-(red)	-(left)	+	+	+
13	Athiya	Federico	12 cm	1	-(red)	+	-(red)	+	+
				2	+	+	+	+	-(right)
				3	+	-	-	+	-(right)
				4	+	+	+	+	+
				5	+	-(green)	+	+	+
14	Athiya	Alina	As close as possible	1	-	+	+	+	+
				2	-	-(right)	+	-(left)	+
				3	-(red)	-(left)	-(left)	-(left)	+
				4	-(left)	-(left)	+	+	+
				5	-	-(left)	-(red)	-(left)	+
15	Athiya	Federico	As close as possible	1	-(left)	+	-(red)	+	+
				2	+	-	-(red)	+	+
				3	+	-	-(red)	+	+
				4	+	-(yellow)	+	-(left)	-(right)
				5	+	+	-	-(left)	+