Test user #				1	2	3
Family composition				1 child, single income	2 children, to be double income	5 children, single income
Child's attribute				1 years 11 moths old, male	2 years old, female	2 years 6 months old, male
Insights (C: children, P: parent)	Proto. version	Proto's feature	Media			
	1	Object is enlarged in proportion of audio input's volume level so that utterance from child can be facilitated	projector	C: Gradually learned how to play with guidance of the parent. Repeated spaking up the known object's name after a while. (Video 2) --> a trigger from LJ is required to encourage engagement without parents' guidance	–	–
	2	Object appears randomly and name of the object is read out at the same time, so that LJ can engage with child without parent's guidance	projector	C: Repeated known word, came to pronounce a part of some unknown words after the usage --> Learning multiple words would be a challenge at this child's development stage	–	–
	3	Object is moved up/down/to the right/left, so that child can learn the combination of multiple words	projector	C: Pronounced the listened words in combination unclearly but came to understand meaning of right/left/up/down correctly. (Video) Lost attention when the same object was shown coninuously. P: "It is not common to have own projedtor at home"	–	–
	4	Object is selected and shown from 26 objects, so that LJ can select and show both known/unknown objects and keep child's attraction continuously	projector	C: Excited to see new objects at first glance, but lost attention after a short while	–	–
			PC	–	C: Didn't pay attention a lot. (Video 4)	C: Paid attention to the keyboard (video 6), Played with elder brothers /sister(video 7). P: "Just learning new word is not benefitial because child will learn the word soon or later" "The reason why the child was excited would be just because playing with an app on PC itself is new and fresh experience for him"
			TV	–	C: Paid attention when her favorite object is shown (Video 5)	
	5	Multiple objects are displayed and manually operated with the narration, so that child can experience storytelling and interaction with agent in LJ who is as smart as human	projector	C: At the beginning, he was excited to see combination of objects and spoken up the words. After a while, he still shows interest in what is displayed but didn't speak a lot any more. (Video 3)	–	–