Unmute Speech

By
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Guide: Alka Hingorani
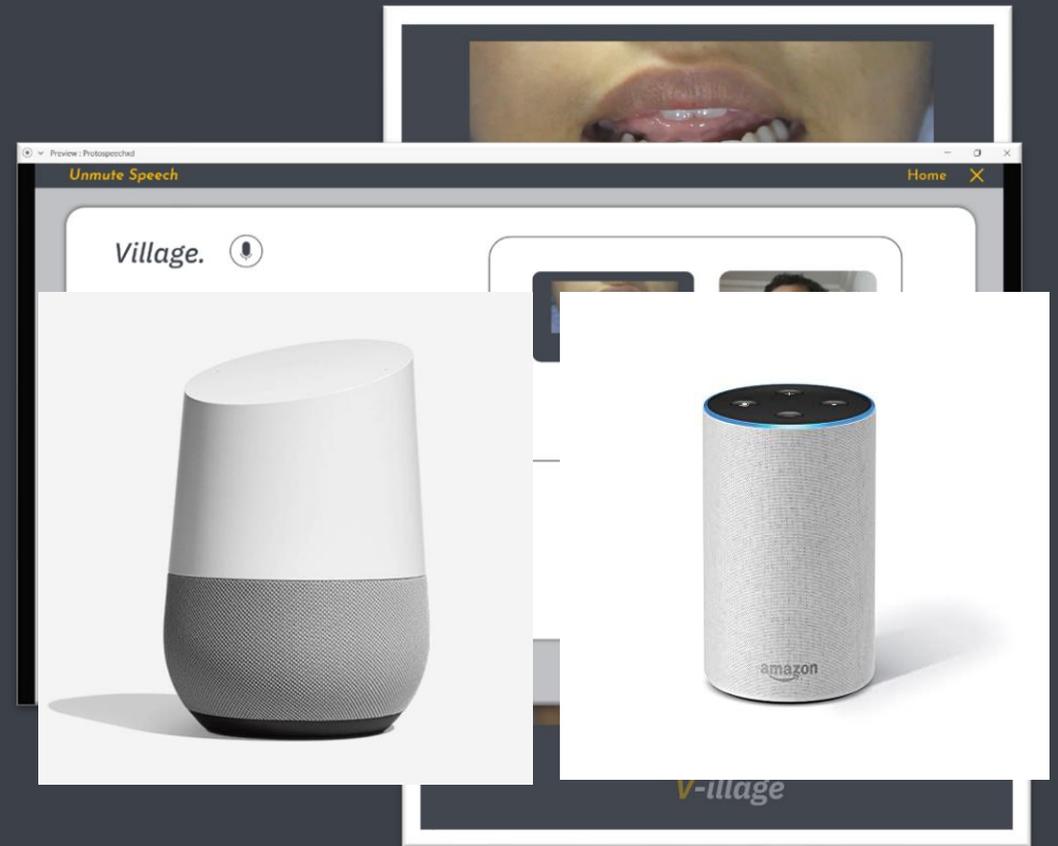
Ideation : P2 to P3
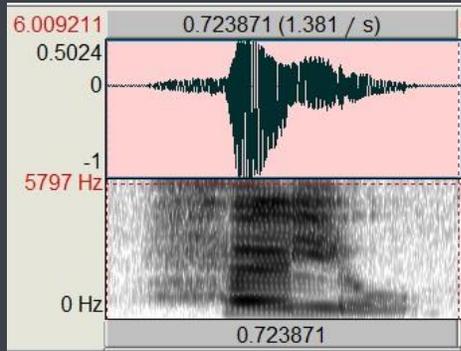
2 big challenges. (Record, Analyze, Detect, Correct.)

Prof. Preeti Rao (Elec. Dept. IITB)
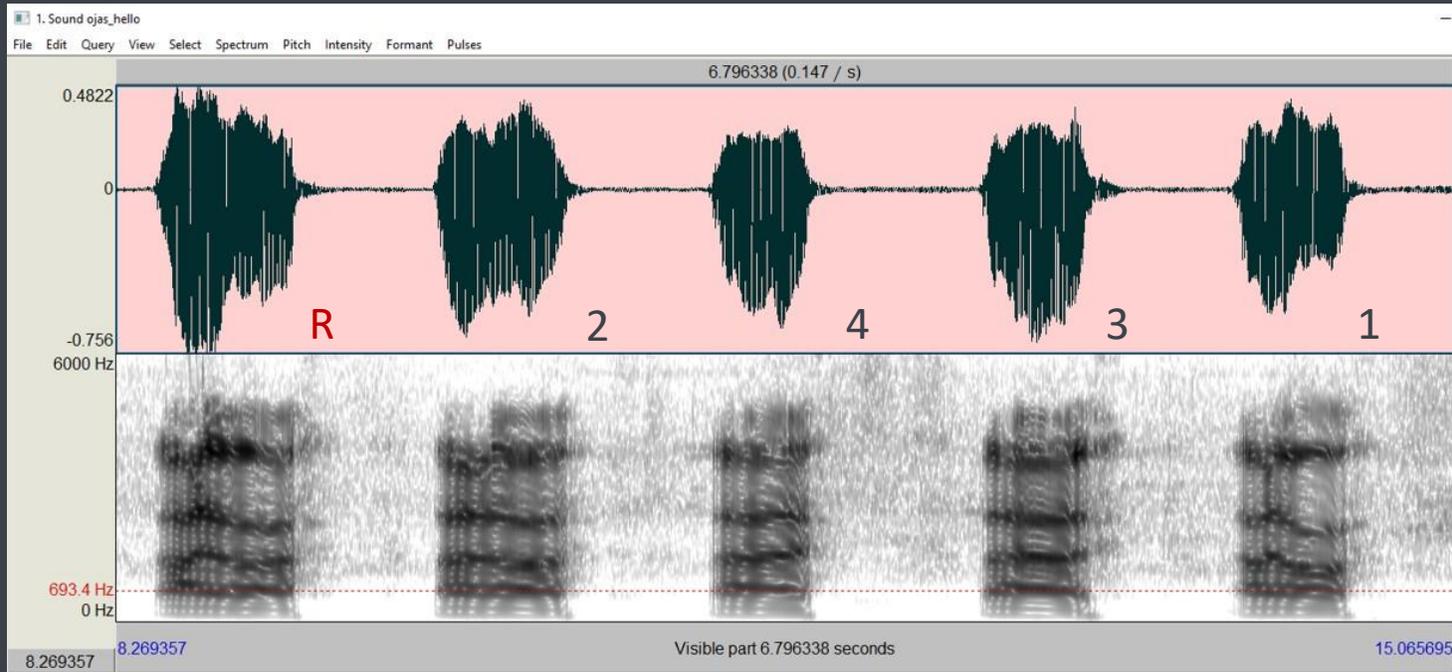
Computational NLP Model

"Natural Language Processing"

Therapist

We needed more trials.

Ojas

Field work:

Unmute Speech

File   Edit   View   Insert   Format   Data   Tools   Add-ons   Help

fx | Not word village

	A	B	C	D	E	F
1	**Reference recording**	**Recordings of User**	**Rating of the recording**	**Additional comments**		
2	sentence wrugng.mp4	wrugng ojas.mp3	Unacceptable	consider his age		
3	sentence gn.mp4	rrhan gn.mp3	Unacceptable			
4	test wine.mp4	wine aryan.mp3	Acceptable	first phoneme wa		
5	test yellow.mp4	rehan yellow 1.mp3	Acceptable			
6	test yellow.mp4	rehan yellow .mp3	Acceptable			
7	test wine.mp4	rehan wine.mp3	Acceptable	na phoneme		
8	test time.mp4	rehan time.mp3	Acceptable	ma phoneme		
9	test bubble.mp4	rehan bubble.mp3	Unaccpetable	He doesn't have voiced sound		
10	test yellow.mp4	ojas yellow.mp3	Acceptable	for practice		
11	word bad.mp4	rehan bad.mp3	Unacceptable	He doesn't have voiced sound		
12	test village.mp4	ojas village.mp3	Acceptable	Not word village		
13	test now.mp4	rehan now.mp3	Acceptable			
14	word bad.mp4	rehan bad 1.mp3	Unacceptable	He doesn't have voiced sound, pa but not b		
15	test hello.mp4	rehan hello.mp3	Acceptable	Not enough glottal sound		
16	test melt.mp4	ojas melt.mp3	Unacceptable			
17	test leap.mp4	ojas leap.mp3	Acceptable	L p but not e		
18	word chocolate.mp4	ojas chocc.mp3	Acceptable	Ch e		
19	test bubble.mp4	ojas bubble.mp3	Acceptable	b and ^ (refer IPA) only		
20	word city.mp4	ojas city.mp3	Unacceptable			
21	test fish.mp4	ojas fish.mp3	Acceptable	He doesn't have e		
22	test hello.mp4	**ojas hello.mp3**	**Unacceptable**	**h and l**		
23	word bad.mp4	ojas bad .mp3	Acceptable	practise d		
24		neha mad.mp3	Acceptable	practise d		
25	test yellow.mp4	neha yellow.mp3	Acceptable	practise on y		
26		neha mad 1.mp3	unacceptable	practise on d		
27	test hello.mp4	neha hello.mp3	Acceptable			
28	sentence gn.mp4	neha good night.mp3	Acceptable	practise g		
29	test girl.mp4	neha girl.mp3	Unacceptable			
30	word cash.mp4	neha cash.mp3	Acceptable	sh instead of shee		

Sheet1

Task.

Field, Workflow and UI visual design.

Outcome:

Please watch next video.

Work in progress:

Collaboration with Prof. Preeti Rao and team.

A developer (Coding framework)
Signal detection and analysis.
Data collection.

Product will be tested once ready.

Redesign and execute.