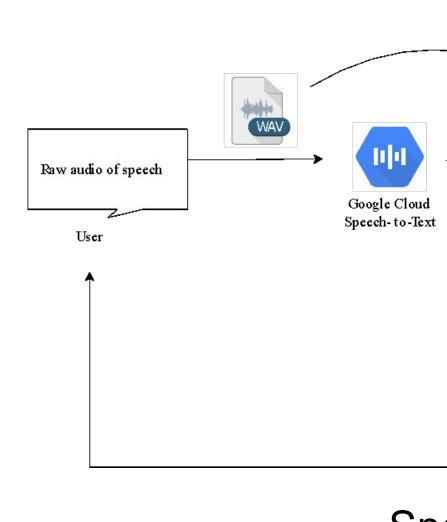


WellSpokn (Team No. 10) Connor Pawar (EECS), Devin Suttles (EECS), Ian Yake (EECS), Kyle Lindteigen (EECS), Sherman Choi (EECS)

Description &

- On campus or in the workplace, public everywhere; yet it's one of the most dif one can do. Through efficient practice, become significantly easier.
- Many writing services exist for spelling but there are no analogous services fo WellSpokn fills in this gap.
- WellSpokn is a web app that takes in processes it through various microserv errors, and then sends constructive fee

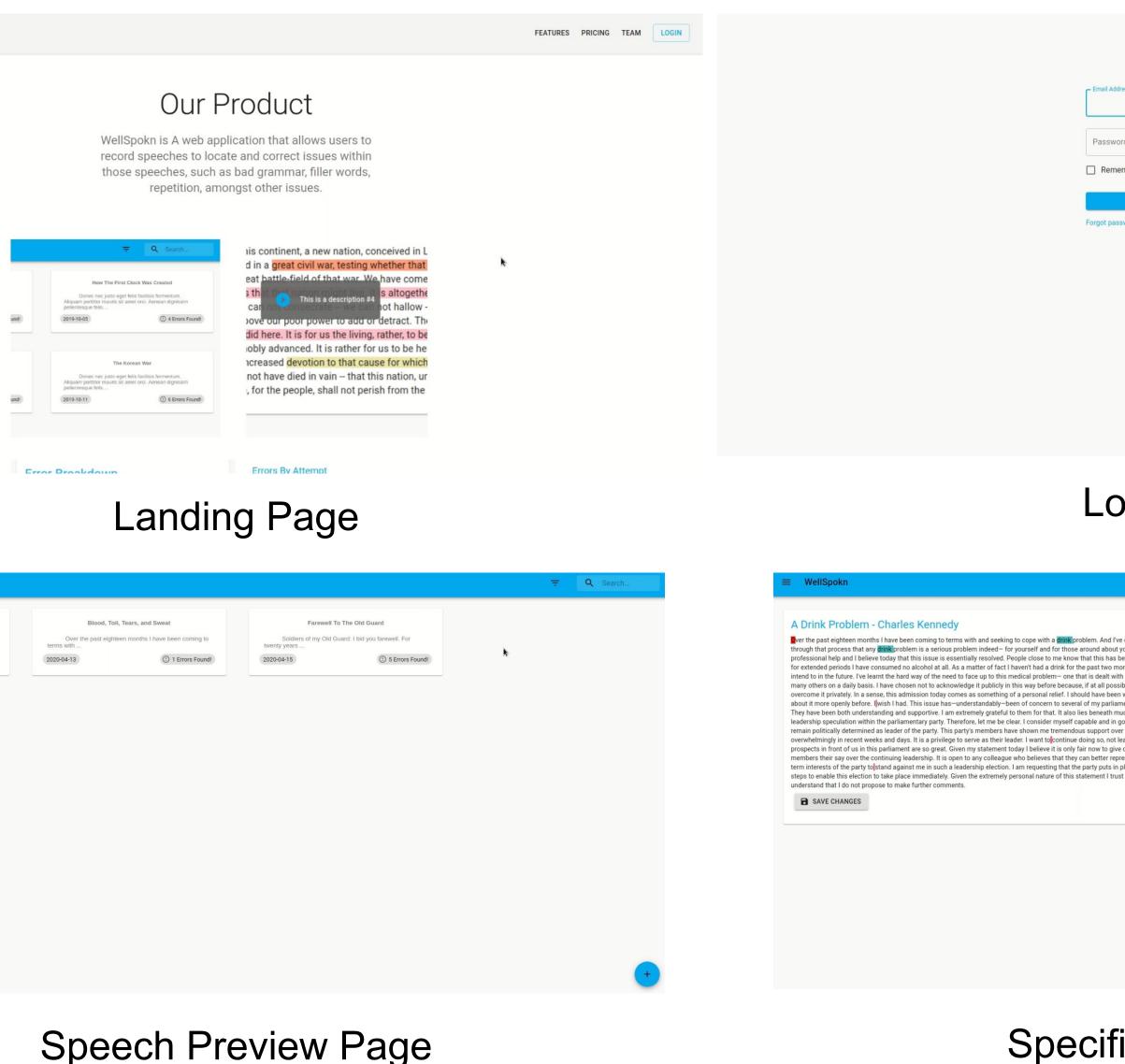
- The figure shows WellSpokn's speech analysis Data Pipeline.
- When a user uploads a speech, the raw audio is sent to Google's Speech-to-Text API to generate a transcript.
- With the transcript and audio file, the speech can be analyzed.



• The pipeline is modular and easily extensible. This means components can be added or replaced with ease to both modify and extend analysis.

tion & Purpose	WellSpokn
kplace, public speaking is prevalent f the most difficult and intimidating things ient practice, giving speeches could er.	
st for spelling and grammar checking is services for speech improvement.	WellSpokn A Drink Problem - Charles Kennedy Over the past eighteen months I have been coming to terms with 2020-01-05 ① 6 Errors Foundt
that takes in the audio of one's speech, ous microservices to determine speech nstructive feedback to the user.	
Design	
peech Google Clud Speech- to-Text Franscript Google Clud Speech- to-Text Grammar Broos Grammar Broos	
Speech Analysis Pipeline	

University of Kansas



Ethical & Intellectual Property Issues

Outsourcing natural language processing to various microservices compromises the privacy of people's speeches.

There is a legal grey-area about the ownership of a speech if it's uploaded to our servers whether it then belongs to the user or to us.





Specific Speech Page

	Notal Erro	or Count	Error Breakdown
earn pught ggle and d I don't fully by ed to talk		2019-04-21	Filler Grammar
lleagues. current n— and I s and ise the	Global Err	TOTS Description	
longer- necessary will	Sentiment	The sentiment of the speech is quite negative. Is this intended? If not, please consider changing your word choice throughout the speech	
	Errors By	Attempt Filler Grammar	Tone Tempo Sentiment

Login Page

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