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Artificial Emotional Intelligence



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CIPPACT Artificial Emotional Intelligence

Problem

Currently, there is a huge disconnect between humans and technology. We interact and use our machines like tools instead of utilizing their intelligence. This chasm is created by technology's inability to truly understand us.

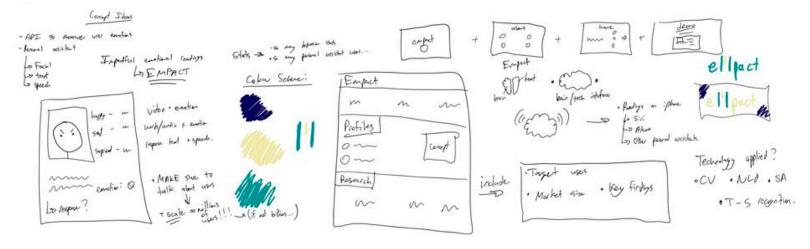
We want to give technology emotional intelligence. We want technology to truly empathize with its users: to revolutionize user experience.



\$16 billion Statista

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Concept Sketches



Natural Language Processing

To analyze audio speech,

emotion in the tone

understand the words, and the

Applied Technology



Al/Deep Learning



To analyze facial expression and the emotion associated with the expression

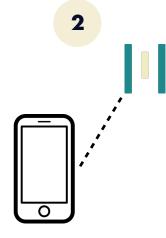


Text-to-speech and Speech recognition

User Scenario



User interacts with technology or virtual digital assistant



Empact runs in the back, making sense of the user's emotions



Sentiment Analysis

To analyze what is said, and the emotion that is implied.



User and technology can finally understand each other! This creates a whole new user experience

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Final Design



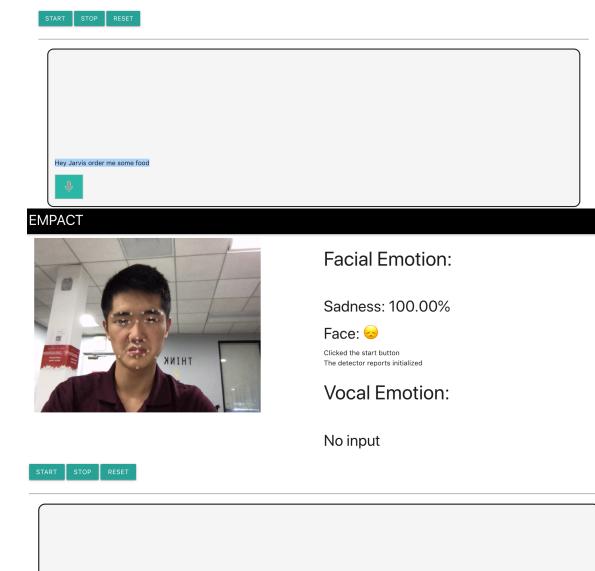
Facial Emotion:

Happy: 99.93%

Face: Clicked the start button The detector reports initialized

Vocal Emotion:

Happy: 93.09%



Hey Jarvis order me some food Jarvis: Yes, of course! What would you like?

Whatever you want