Augmentation for Behavioral Health Analysis

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18.9%

Of adults have at least one mental illness

Source: National Institute of Mental Health (2017)

55.6%

Of adults are **uncomfortable** discussing mental health with friends and family

Source: Center for Disease Control (2015)

33.0%

Of adults are **definitely unwilling** to be friends with a mentally ill person

Source: American Psychological Association (2009)

42.6%

Of adults with mental illness

receive treatment

Source: National Institute of Mental Health (2017)

The Problems at Hand

- The mentally ill aren’t being diagnosed
  - Due to internal and external stigma
- The diagnosed aren’t being treated
  - Due to a lack of medical providers

Our Solutions

- **Telehealth:** The delivery of medical services via telecommunication technologies

- Any contact with a provider can lead to a diagnosis
- Online sessions allow long-range treatment

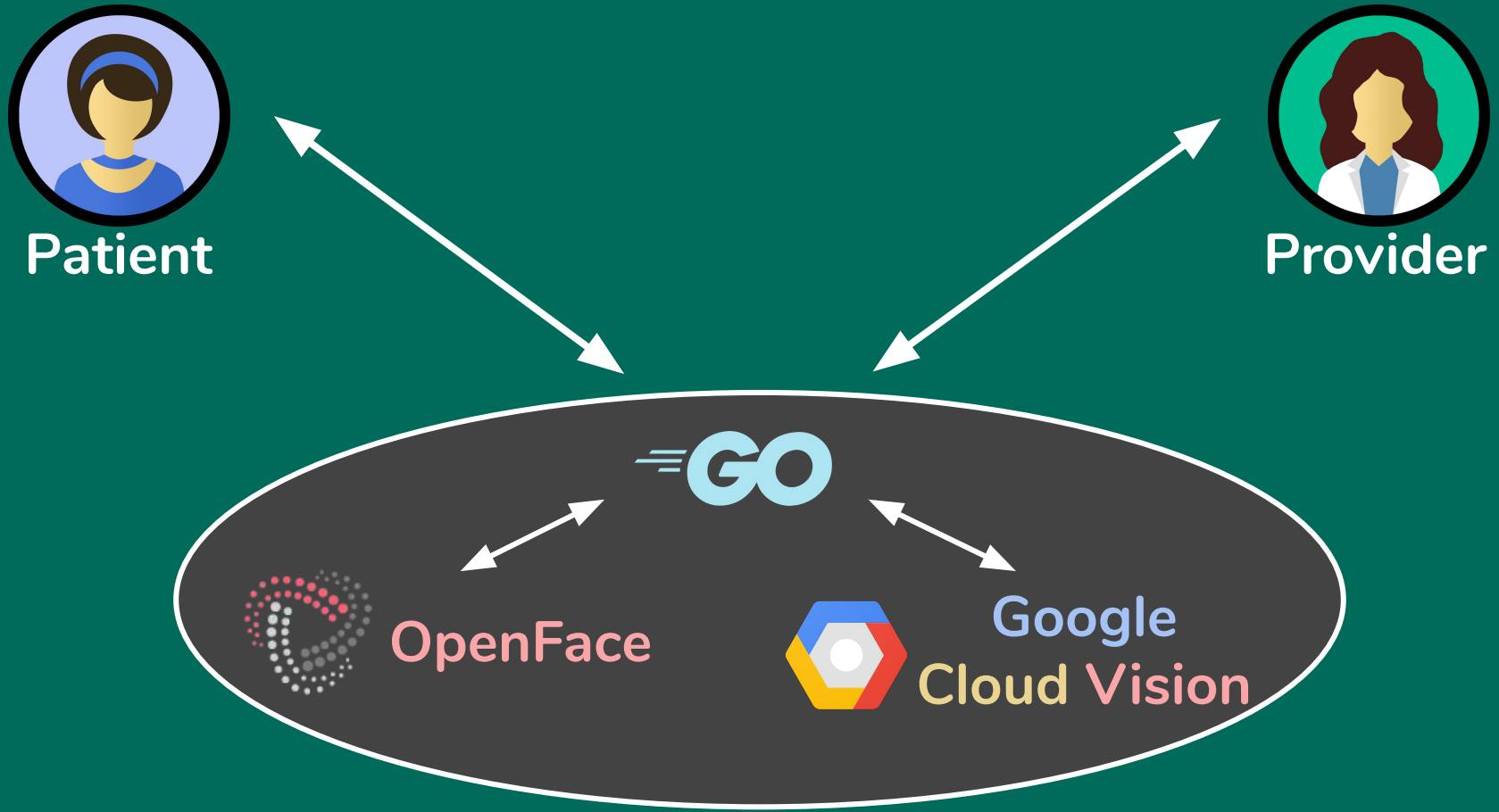
In Person Appointments

- Ability to read body language
- In-person physical testing

What We Analyze

- Facial Emotion
  - Anger, Sorrow, Joy, Surprise
- Text Sentiment
  - Positive or Negative Text
- Facial Action Units (AUs)
  - Portions of facial expressions

Demo


Patient
Provider
GO
OpenFace
Google
Cloud Vision

“I see this is as a first step towards developing a tool that will reach people who suffer silently.”

- Dr. Elvi Medus M.D.

Thank You!