INTERLINKED

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MOTIVATION
• Many people with mental illness go undiagnosed due to societal stigma and lack of mental health checkups
• Of those diagnosed, over half are not receiving treatment

SOLUTION
• During a medical video call, the patient’s sentiment and facial expression is analyzed
• Allows providers to diagnose mental illnesses during regular checkups

ADVANCEMENTS
• Normally, body language is lost over video communication
• Our solution makes up for this loss, creating an accessible and effective treatment for mental illness

ARCHITECTURE
- Backend Server
  - Patient Input
  - Patient Sentiment
  - Session History
  - Database
- React Frontend
  - Words, Expressions
  - Patient
  - Medical Provider

TOOLS FOR THE PROVIDER
- Real-Time Sentiment Analysis
- Session Summaries

TECHNOLOGIES EMPLOYED
- Go
- React
- Twilio
- Google Cloud Platform
- MongoDB

MENTORS
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