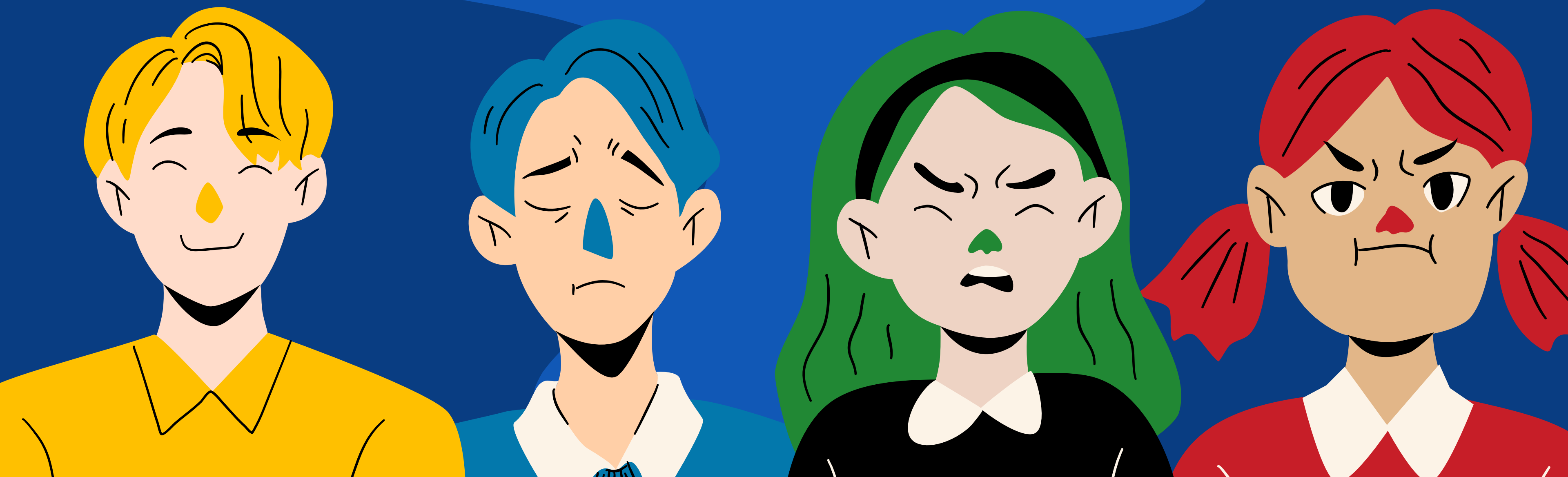


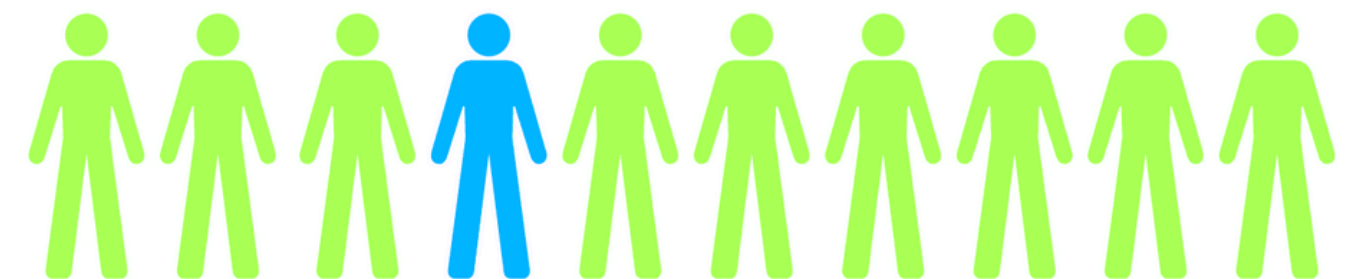
Annie Wu, Jeremy Tan, Kelly Tong, Yabei Zeng

Alex and Mia



Alexithymia

- “Emotional blindness”
- A neuropsychological phenomenon characterized by significant challenges in recognizing, expressing, sourcing, and describing one's emotions
- Associated with difficulties in attachment and interpersonal relations
- 1 in 10 people have Alexithymia



PURPOSE



★ A real-time emotion-processing app that provides social interaction suggestions

- **Target:**

- individuals who struggle with recognizing others' emotions or expressing their own in the workforce

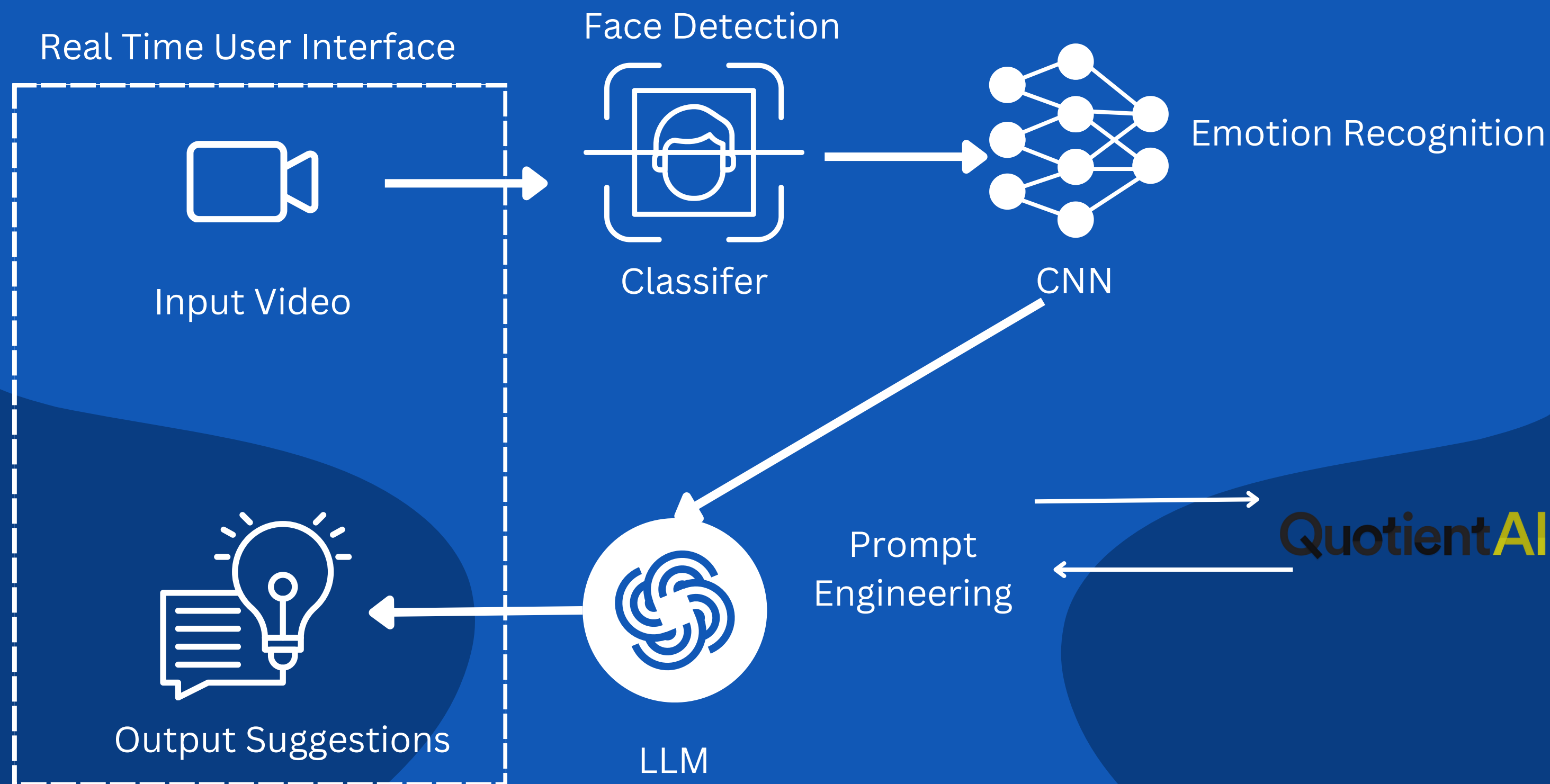
- **Function:**

- identify emotions
- provide immediate suggestions on how users can respond (language and action)



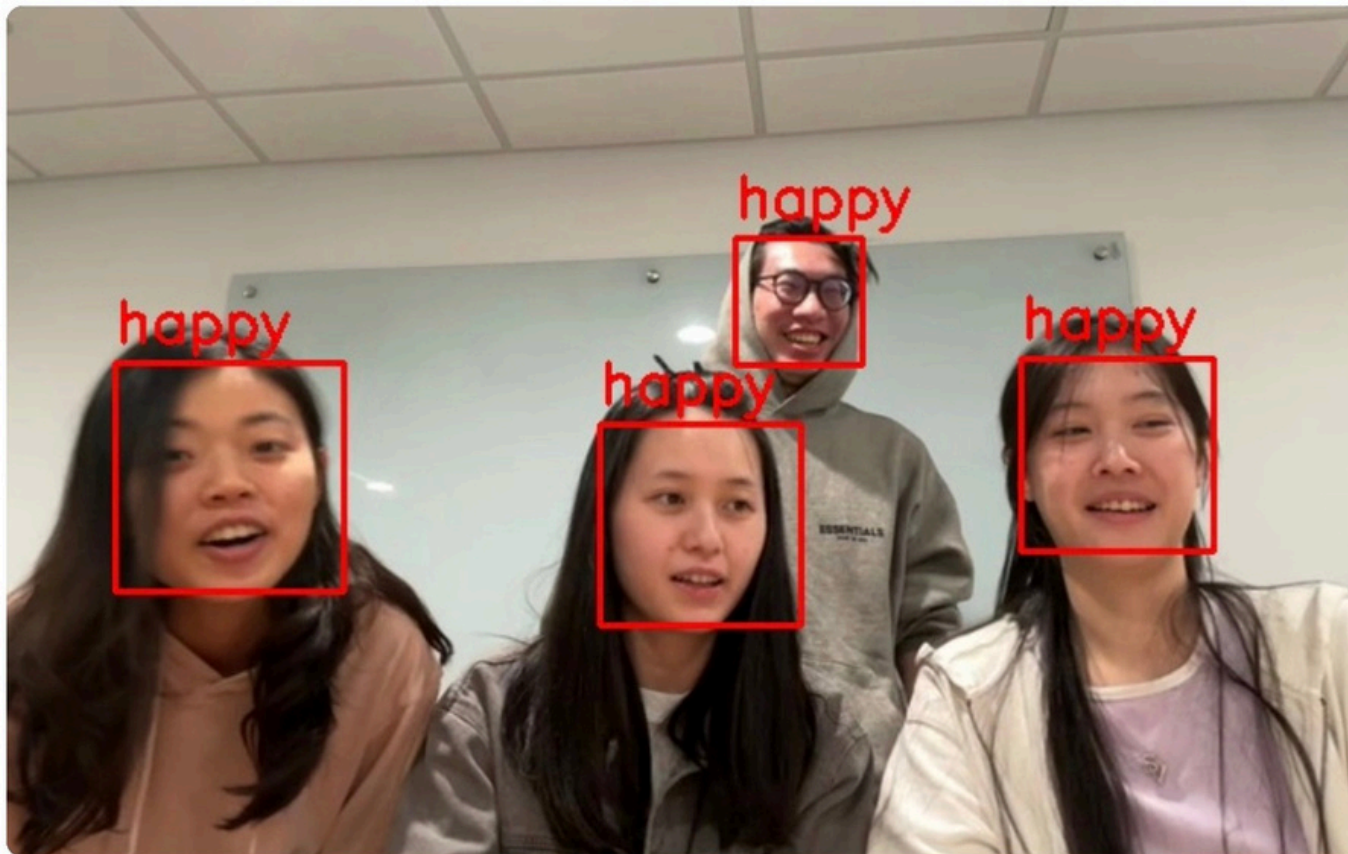


Proof of Concept Architecture





Alex and Mia



Stop Recording

⊖ Current Emotion Analysis

Session Duration

01:43

Dominant Emotion

happy

💬 Response Suggestions

Action: Smile gently and nod to show understanding and support.

Language: Say, "It's great to see you happy! What made you smile?"



Unique Selling Points



- **First app for Alexithymia people in the workforce setting**
- **Facilitate collaboration inclusiveness**
- **Improve employment opportunities**
- **Allow employers to hire more talented people**

Commercial Viability

- Large market size
- Monthly and yearly subscription for companies and employers
- Included in medical insurance
- Integrate with wearable devices



Responsible AI

- Privacy:
 - Get consent and approval for real-time facial recognition in workforce
 - Do not store video
 - Visible usage in public setting
- Bias in facial recognition:
 - pretrained with diverse facial dataset
- Suggestions instead of true best practice:
 - This app cannot substitute genuine social interaction



Thank You!

