Cohere.ai Hackathon

About the Sponsor Cohere.ai: “Cohere offers an API to add cutting-edge language processing to any system. Cohere trains massive language models and puts them behind a simple API.” (https://docs.cohere.ai/docs/the-cohere-platform)

About the Host Lablab.ai: Together, we are building the best online community and experience for modern artificial intelligence with the purpose of putting innovation on the afterburner.

About product for this Hackathon Event: ‘coLink’ is a B2B API-as-a-service bridge between clients and CohereAPI to scale NLP access to small and medium sized businesses."

Presentation plan:

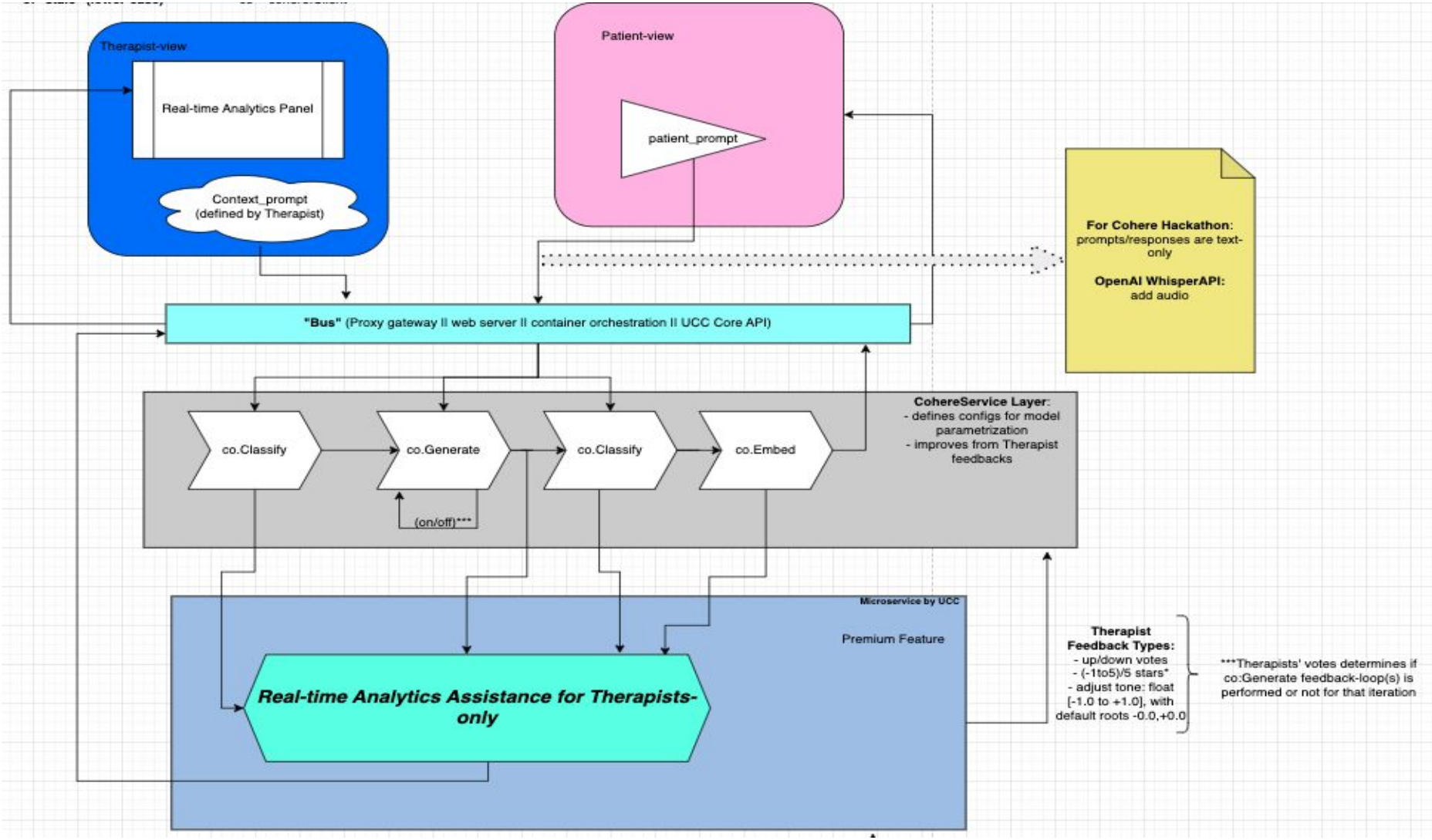
1. Introduction
2. Presentation plan
3. colink: Therapy Assistance
    a. Context
    b. Data-flow diagram
    c. Canvas
4. coLink: Sequence
    a. Prototype Code Overview
5. Future work

coLink: Therapy Assistance

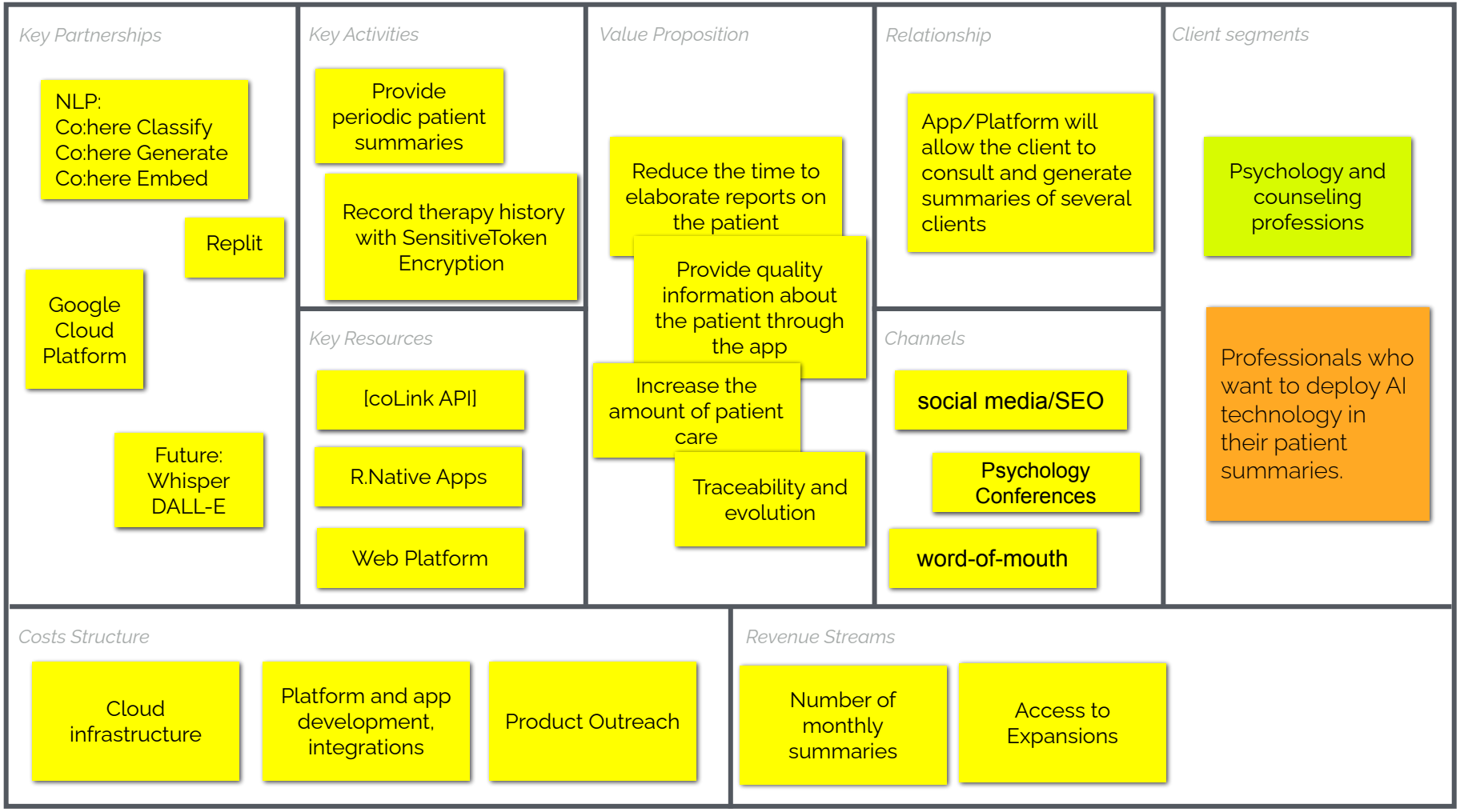
a. Patient
   i. Difficulty or disability to hold conversation
   ii. High-levels of ADHD
   iii. Prefers text-based sessions or text-to-speech
   iv. Benefits from therapy session chat history for reference

a. Psychotherapist
   i. Guides therapy sessions by defining context continuously
b. Difficulties:
   i. It's time-consuming to elaborate session summarization
   ii. Organizing information across multiple patients and their therapy progression over time

Data-Flow Diagram



coLink: Therapy



coLink: Sequence

DEMO OVERVIEW!!!

Future Work

1. Develop colink:Sequence prototype to production-ready
   a. API as a Service
2. Develop colink:Therapy
   a. Full product with apps, platform, uses colink:Sequence
3. Add other AI features such as:

Speech to Text
- WhisperAPI, GCP STT, or ??

Text to Speech

- GCP TTS or ??

Text to Image

- DALL-E or ??

THANK YOU!

LEARNED LOTS ABOUT COHERE.AI AND EXCITED TO SCALE IT TO NEW MARKETS WITHIN SOUTH AMERICA!

I'LL JOIN UPCOMING HACKATHONS TOO, SO DM ME IF I CAN HELP!

UCC TEAM:

- RAFAEL GAIA (Raf#6004)