

# SMART

*your medical appointment companion*

----Team Log



# Team Intro

## WELLHealth



**Anav Sanghvi**  
Software Engineer



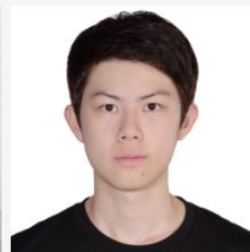
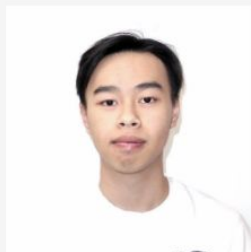
**Brendan Haverlock**  
Senior Software  
Architect



**Aditya Nadkarni**

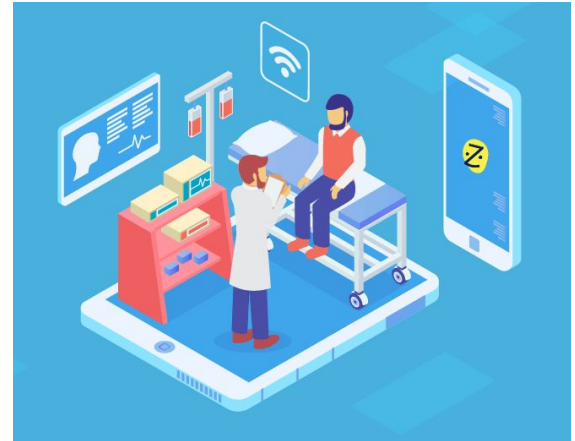
## LOG Team

Changsheng Su (Lead), Jenny Aoyama (Scribe), Yuxiao Luo, Siyuan Wang, Huake He



# The problem

- Complicated Terminology
- Hard to follow along / lost in details
- No historical transcript
- Lack of automatically generated post visit summaries





# Goal

Problems:

Hard to follow along---->

Complicated Terminology---->

Lack of Post Visit Summaries---->



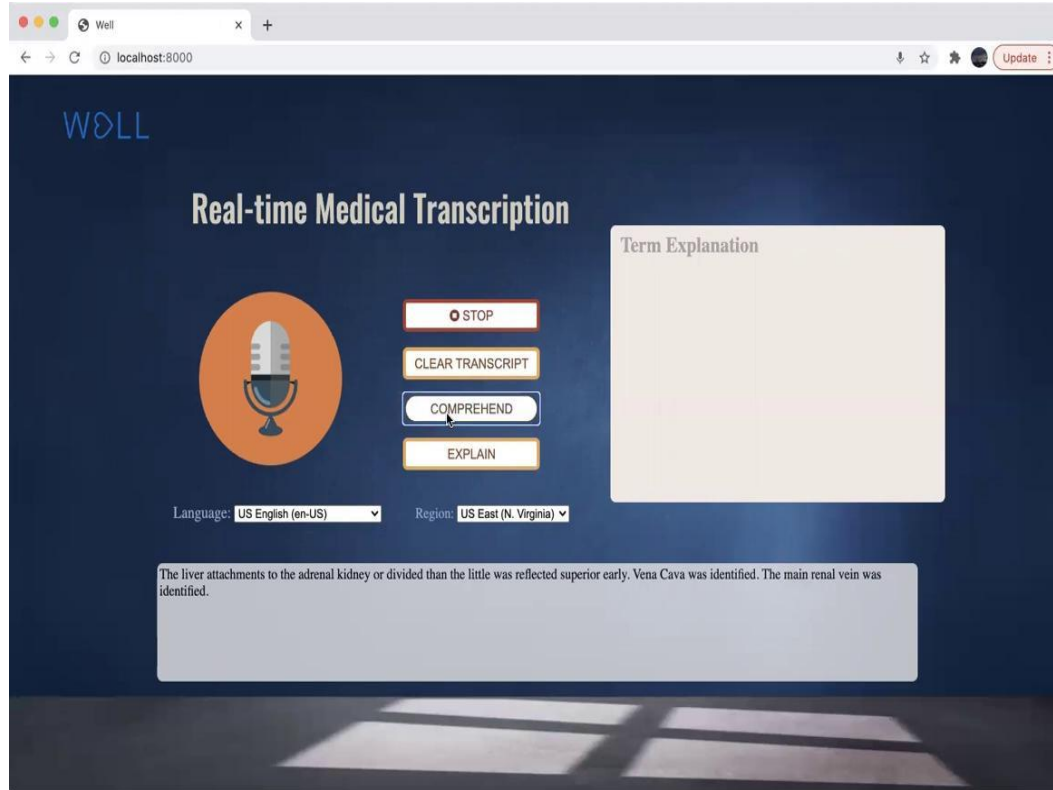
Solutions:

Real-time transcription

Real-time medical  
comprehension & explanation

Generation of Post Analytical report

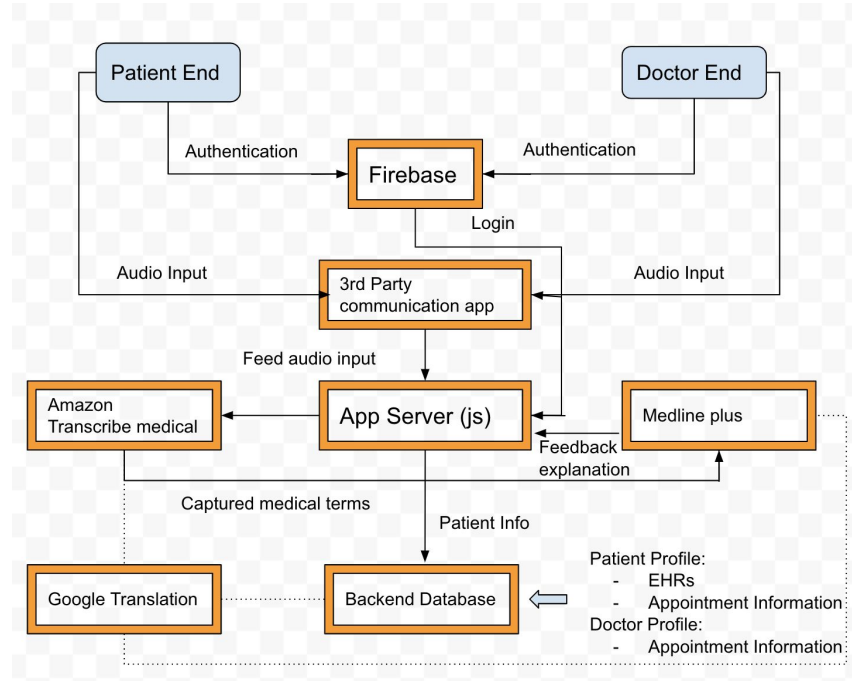
# Overview & Demo



The screenshot displays a web browser window with the following elements:

- Browser Tab:** Well
- Address Bar:** localhost:8000
- Logo:** WOLL
- Page Title:** Real-time Medical Transcription
- Microphone Icon:** A stylized microphone icon inside an orange circle.
- Control Buttons:**
  - STOP (with a red stop icon)
  - CLEAR TRANSCRIPT
  - COMPREHEND (highlighted with a blue border)
  - EXPLAIN
- Language and Region:** Language: US English (en-US) and Region: US East (N. Virginia)
- Term Explanation:** A large, empty white box with the title "Term Explanation".
- Text Area:** A light blue text area containing the text: "The liver attachments to the adrenal kidney or divided than the little was reflected superior early. Vena Cava was identified. The main renal vein was identified."

# Technical Details/Challenges



# Next steps

- **Additional features**
  - Generation of patient's visit summary
  - Multilingual user interface
  - Reminding patient's medical history
- **Improvements and Optimization**
  - Extraction of repeated words
  - Extraction of high frequent terminology
- **User Interface Polishing**
- **Testing**

**Thank you!**

