# MICHIGAN STATE UNIVERSITY

# Alpha Presentation Patient Training Tool

The Capstone Experience
Team Spectrum Health

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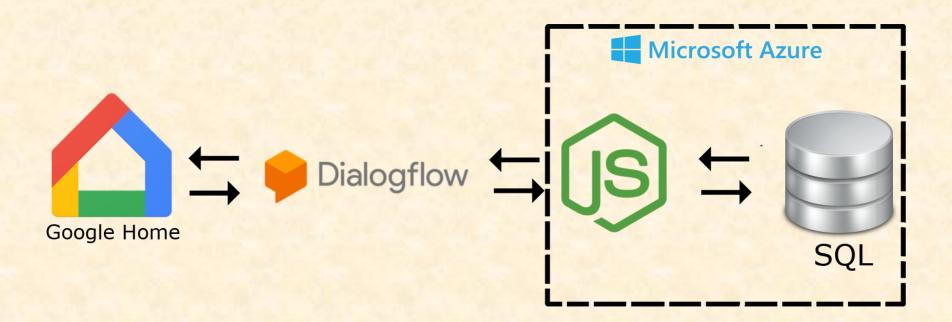


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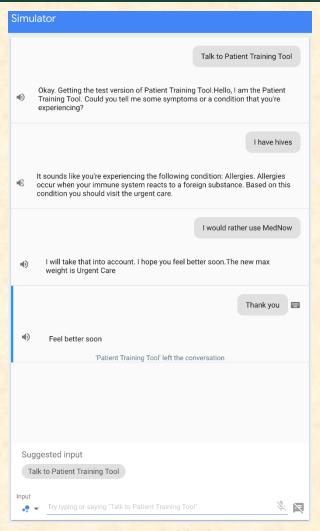
#### **Project Overview**

- User lists their symptoms to Google Home speaker
- Google Home app explains potential condition to user
- App recommends a Spectrum Health service
- User informs app which service they utilize
- Service weights are adjusted for future recommendations

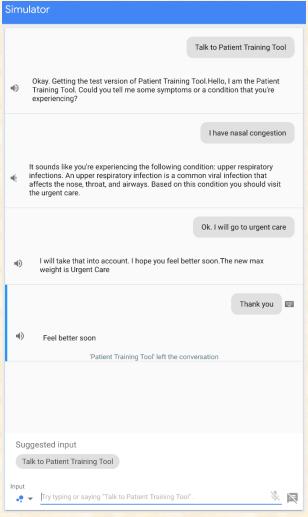
# System Architecture



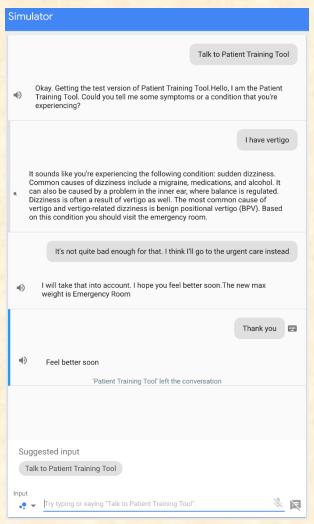
# Allergies



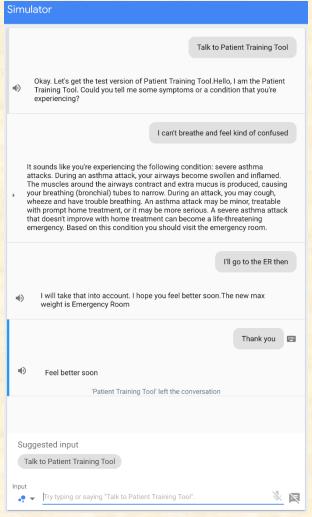
## Upper Respiratory Infection



#### Sudden Dizziness



#### Severe Asthma Attack





#### What's left to do?

- Add support for multiple symptoms
- Provide directions to recommended service
- Choose the best matching condition
- Provide support for Amazon Alexa
- Create separate intents for condition description and service recommendation
- Create more training phrases

### Questions?

