Team TRANSform

QAD

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Problem

- QAD's search results give too broad of a range of potential answers
- Difficult to find a specific part of the application
- QAD application is large in size and can be difficult to navigate
Overview:

- Create a virtual assistant for QAD
- Initial Prototype: Rasa
- Sale Orders, Action Requests
Technologies Used:

- RASA
- React
- NGINX

Diagram:

User → NGINX → React App → Rasa server → Action server → Duckling server

Google Compute Engine VM
Challenges:

- Initial solution was insufficient
  - Stanford CoreNLP (NLP) -> Rasa (ML)
- Utilizing QAD metadata for URL generation
  - Many combinations of URL's
- Working in unison
  - Roles not clearly defined
Next Steps:

- Adding more commands for the different roles
- Predictive text for sentence auto-completion
- Speech-to-text capabilities
- Integration into the QAD application
- Mobile app integration (potentially tying it into Siri)
Questions?