MICHIGAN STATE UNIVERSITY

Alpha Presentation Digital Avatar Assistant

The Capstone Experience

Team Ally

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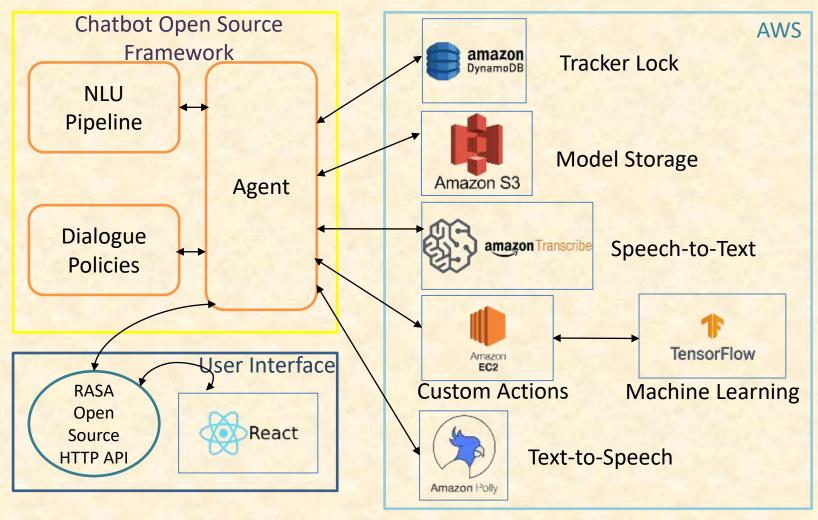
Fall 2021



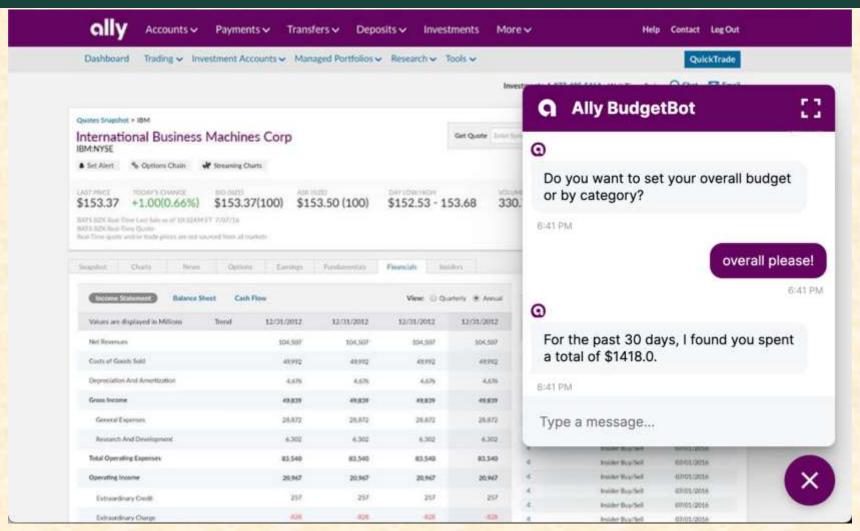
Project Overview

- Assistant designed to help with budgeting
- Assistant reads information from user account
- Assistant offers custom predictions and budgets for different categories
- Animated avatar will serve to emulate real conversation between assistant and user

System Architecture

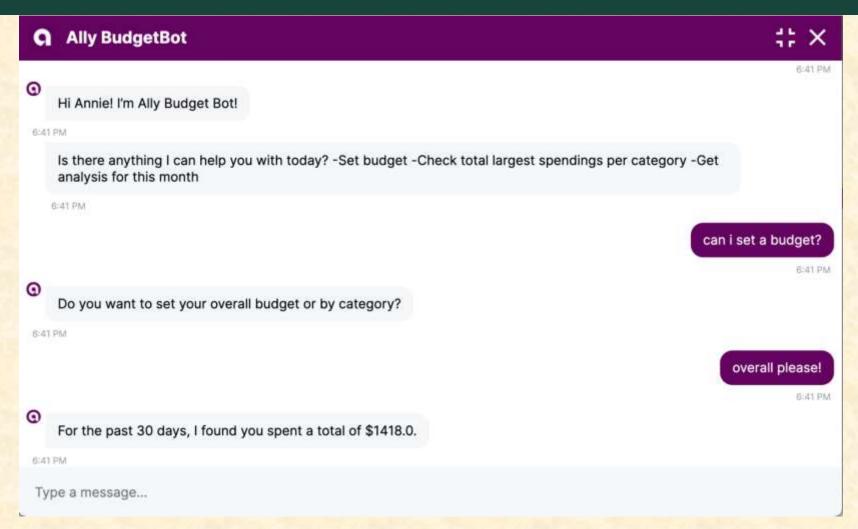


Desktop Website Widget



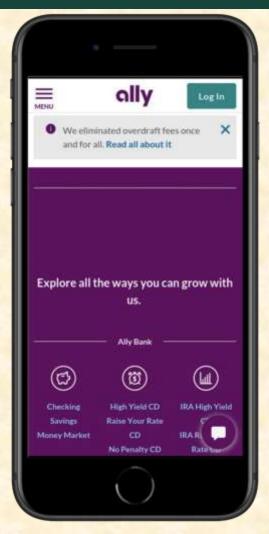


Desktop Website Full Screen

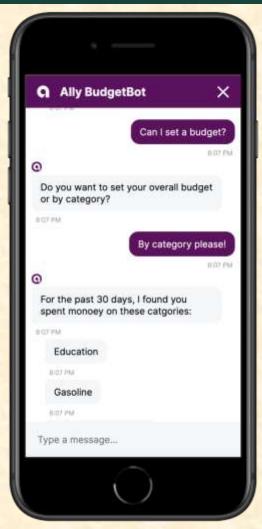




Mobile Website Button View



Mobile Website Opened



What's left to do?

- Design and animate digital avatar
- Set up backend and deploy bot on AWS
- Add longevity for slot values through querying a database
- Implement ML capabilities for custom actions
- Integrate text-to-speech & speech-to-text capabilities into UI
- Add to NLU for more lifelike conversations

Questions?

