

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Digital Assistant and Personal Financial Coach

The Capstone Experience

Team MSUFCU

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*From Students...
...to Professionals*

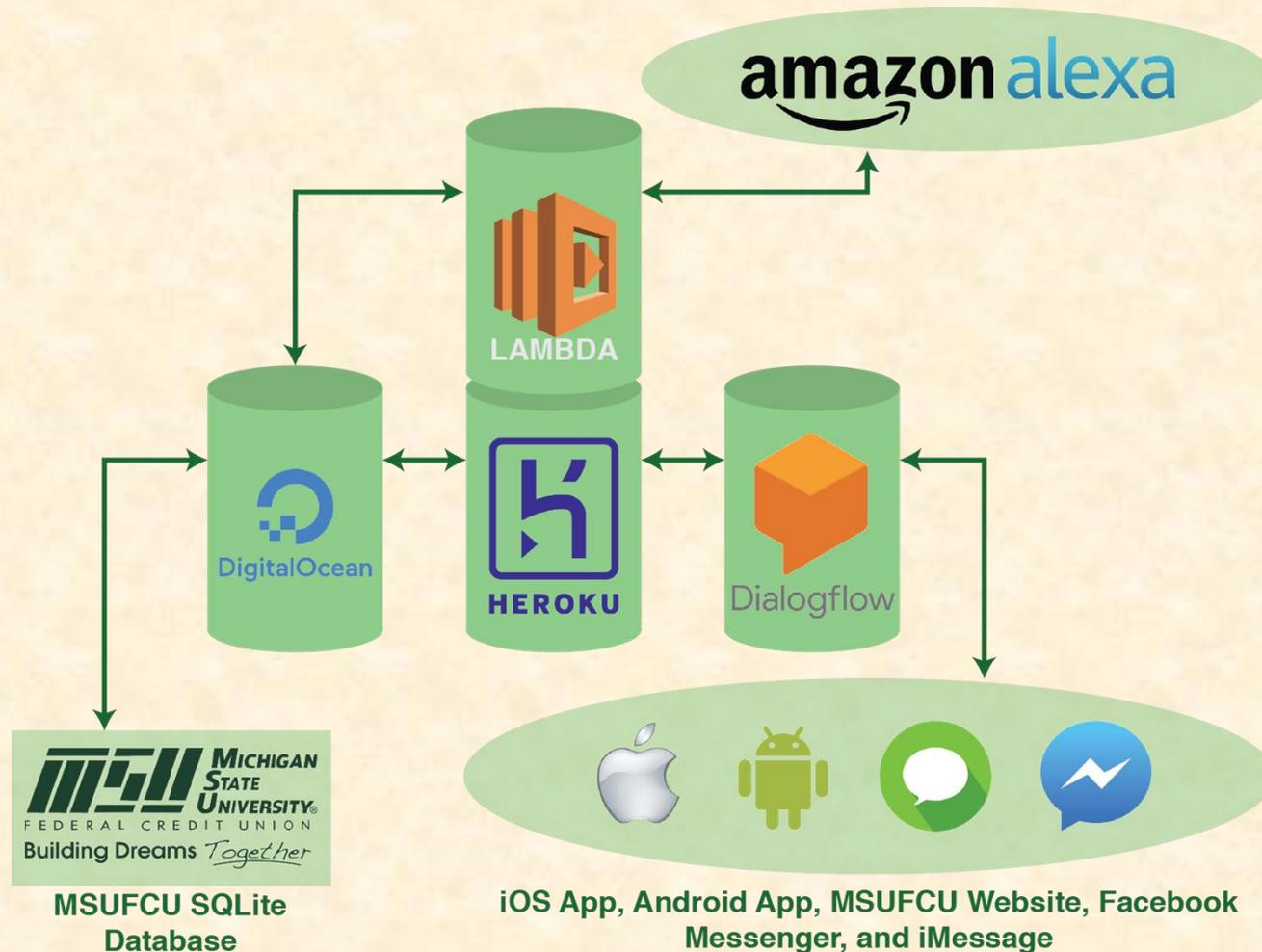
Department of Computer Science and Engineering
Michigan State University
Spring 2018

Project Overview

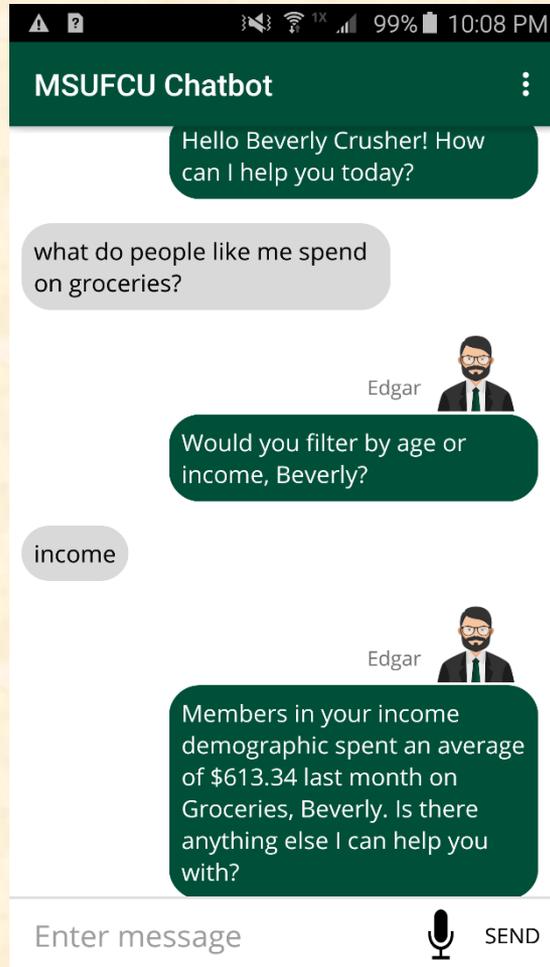
- Chatbot interface that can answer basic questions about a member's account
- Gives advice to members and can set goals for them
- Analyzes trends in member's spending habits
- Compares member's spending to other members in similar demographic



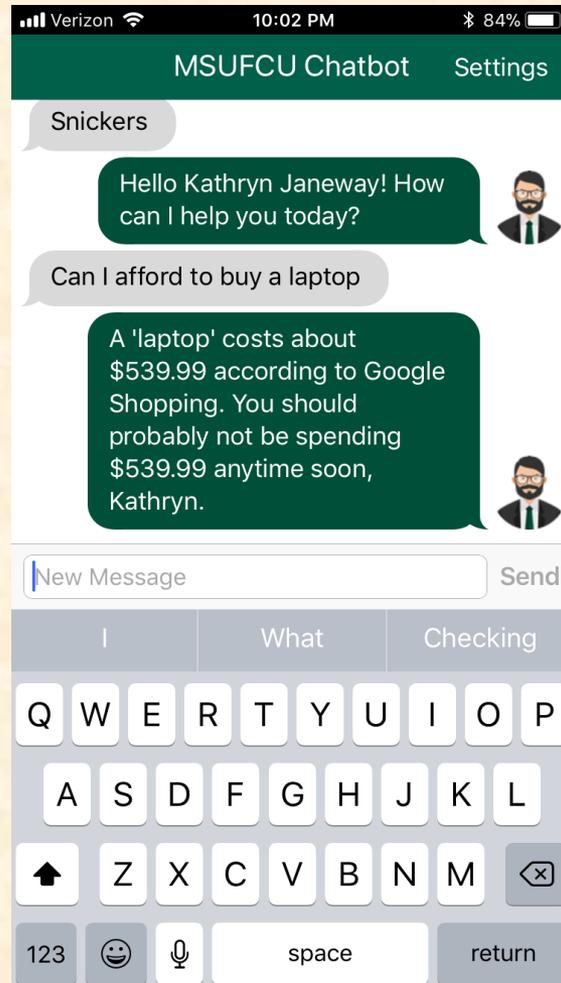
System Architecture



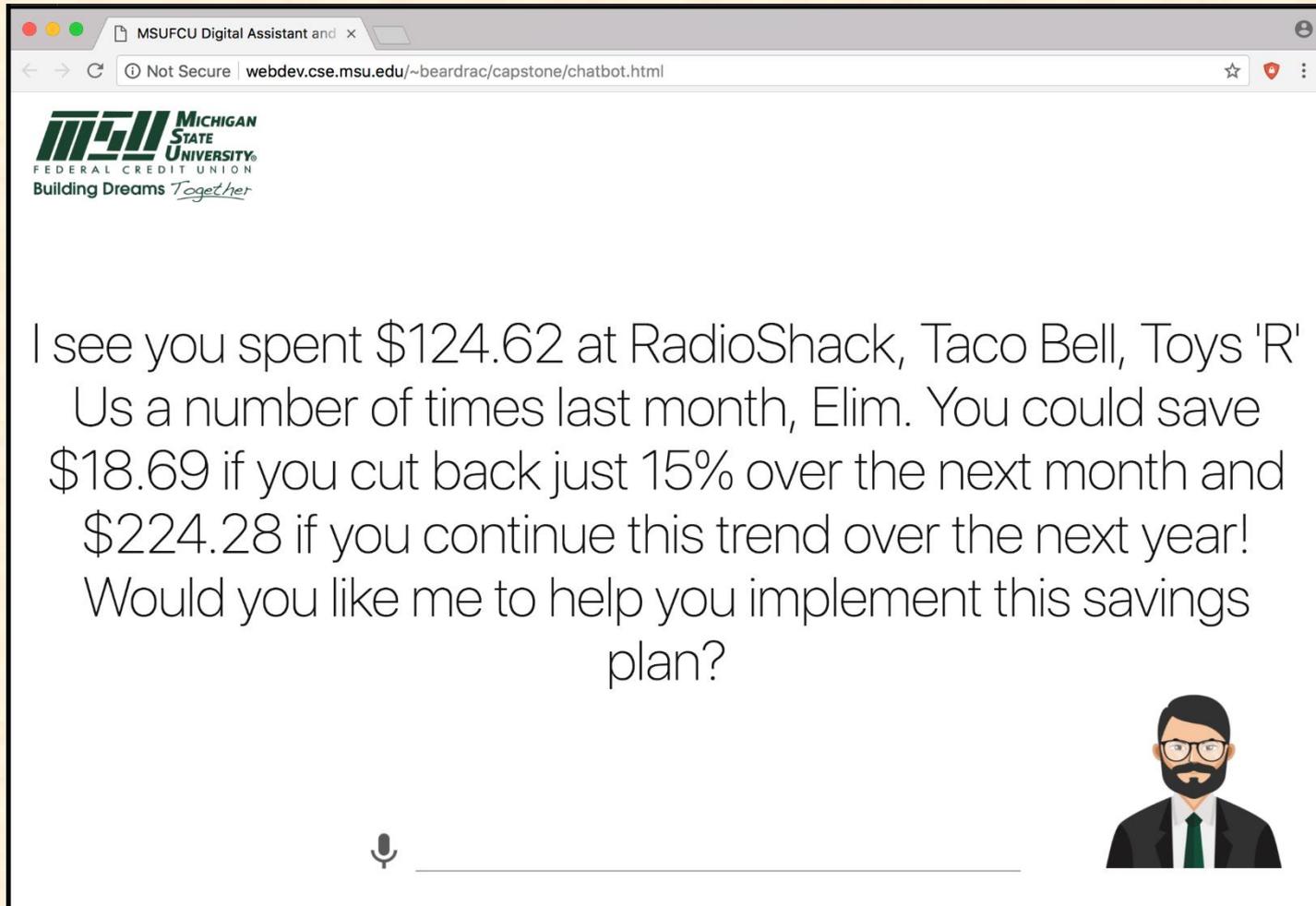
Android



iOS



Web Application



MSUFCU Digital Assistant and x

Not Secure webdev.cse.msu.edu/~beardrac/capstone/chatbot.html

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FEDERAL CREDIT UNION
Building Dreams Together

I see you spent \$124.62 at RadioShack, Taco Bell, Toys 'R' Us a number of times last month, Elim. You could save \$18.69 if you cut back just 15% over the next month and \$224.28 if you continue this trend over the next year! Would you like me to help you implement this savings plan?



Amazon Alexa

Alexa, transfer \$500 from my checking account. to another checking account.

6000.



Welcome, Kathryn. How may I help you?

Please say the account number of the account you would like to transfer to.

Please say your Alexa PIN to confirm this transaction of \$500 to account 6000



What's left to do?

- Make project video
- Write documentation
- Improve on existing testing module
- Vocal commands for web app



Questions?

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