

Virtual Agent for Customer Service



Dhina Gajavarathan

Solution Architect at KPMG

Dynamics 365 CDS Platform

Power Platform

Azure

Bot Framework and AI Enthusiast

Blog @ www.dhina.org

Tweet @dhinagaja

Agenda

At the end of this session, you will be a Virtual Agent maker

Untrained resources

Inconsistent service

Not efficient

Available on Phone

Traditional Customer Service

Slow

Resource limitation

Infrastructure limitations

Pay Bill

Unavailability

Next Generation Customer Service



CEO

- One that knows the customer very well
- One that is available anytime
- One that is available anywhere
- One that is consistent
- One that is fast and instant
- One that is highly intelligent

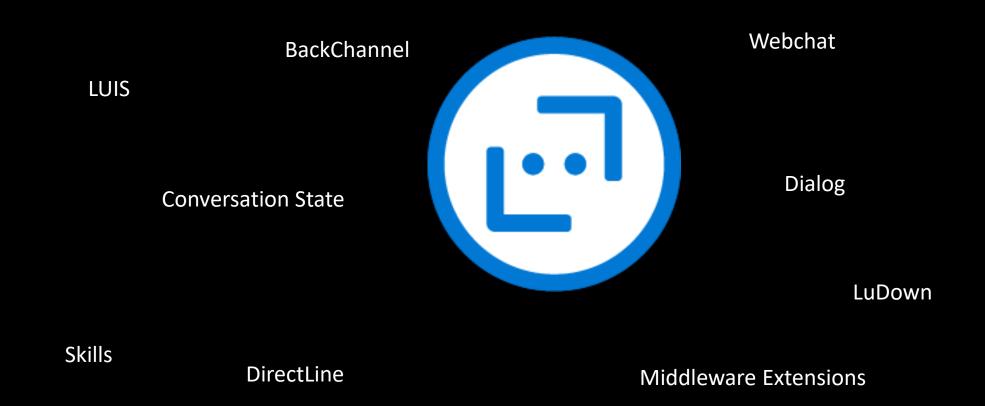
• I want all the above in half the Price



Customer

Bot Framework

Dispatch



Bot Framework

- Require a Pro Developer
- More time and cost
- Longer Time-to-Market
- IT for Deployment and Maintenance
- Deep understanding of the azure services

Virtual Agent for Customer Service



Apply for Credit Card

Replace membership Card

Store hours

Pay Bill

Create a Case

Shipping Policy

Topics

Reminders

Follow up a Case

Store Location

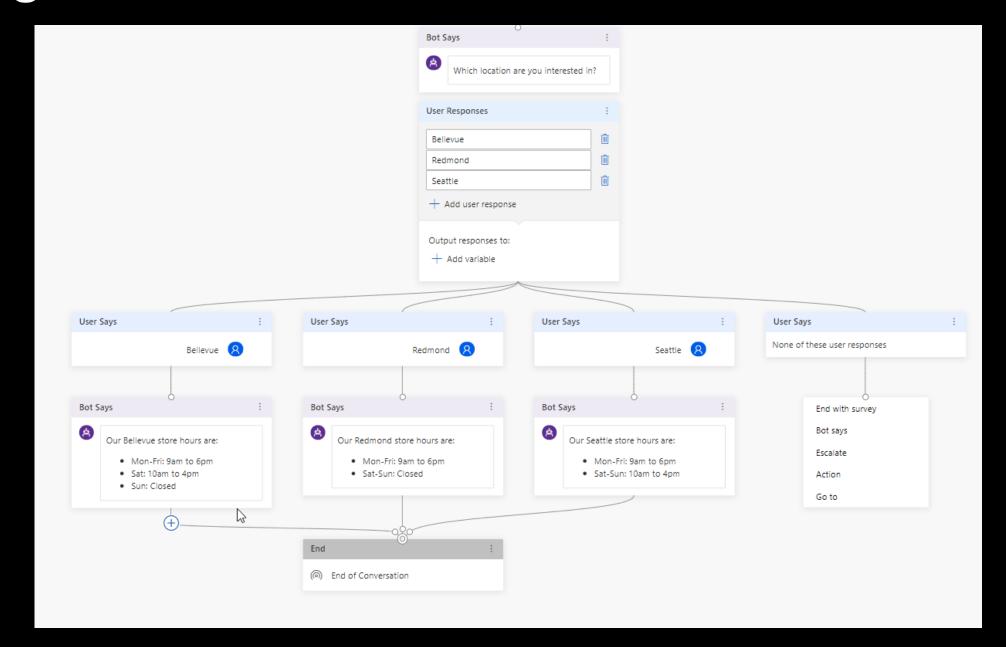
Check Balance

Redeem Gift Card

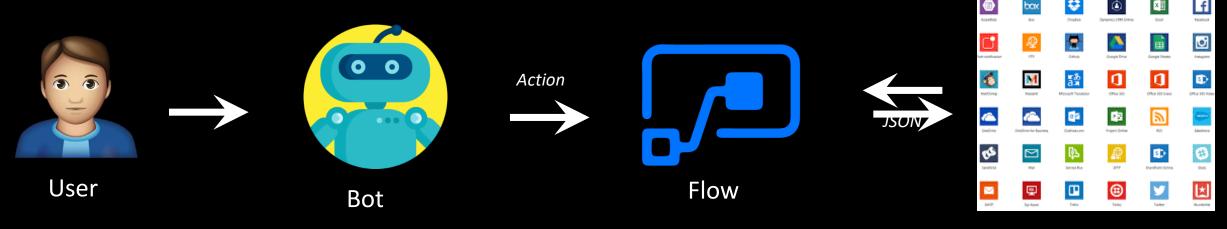
Cancel Order

Coupons and Promotions

Dialog



Flow Integration



Connectors

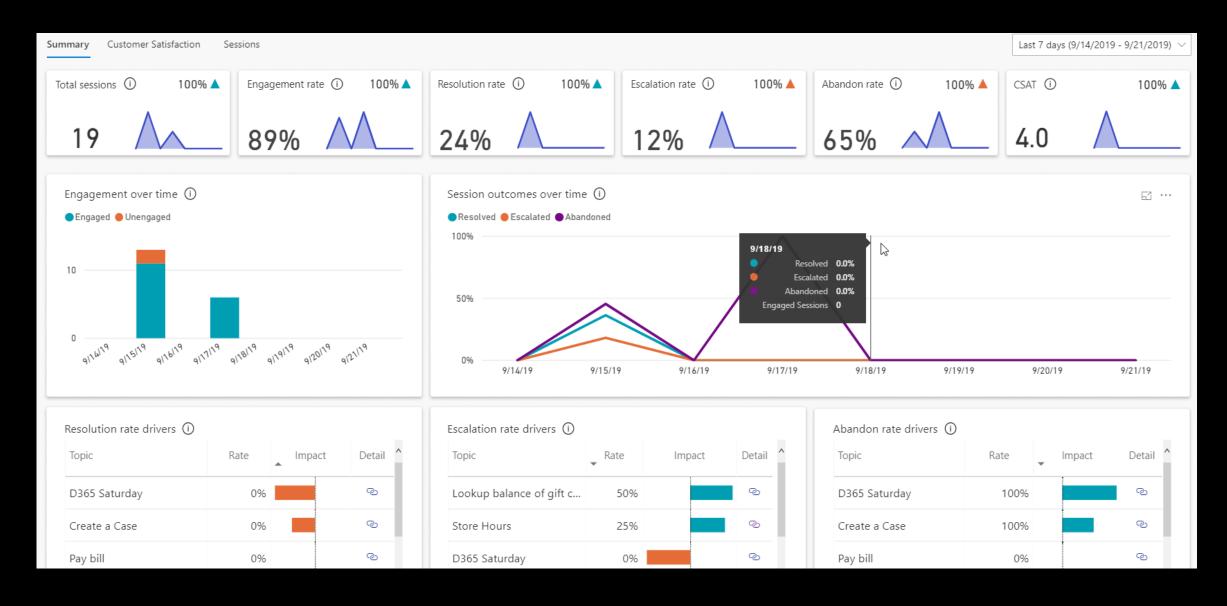
Demo



QnA Maker

Demo

Analytics



Integrate bot framework with Virtual Agent

Bot Framework

Dispatch

Webchat BackChannel LUIS Dialog **Conversation State** LuDown Skills Middleware Extensions DirectLine

Demo

Best Practices

- Show welcome message and set the expectation
- Do not ask a open ended question
- Show Suggested Answers where possible
- Inform user about long running tasks
- Clearly indicate the next steps



Good morning. I am not sure what you can help me with?



Sorry, I can't help with that.



Ugghhh, please tell me what you can do?



Sorry, I can't help with that.







Hey, I am a Bot and I can help with a Pizza order or find the status of an existing order.



I want to submit a new order.





Sure. Answer a few questions and I'll prepare the order for you.

Sure.



What Pizza size would you like?



We have a huge party. Could you give me a 50 inch pizza?

Something went wrong. Please try again.



Fair enough. Could you give me atleast 40 inch?



Something went wrong. Please try again?

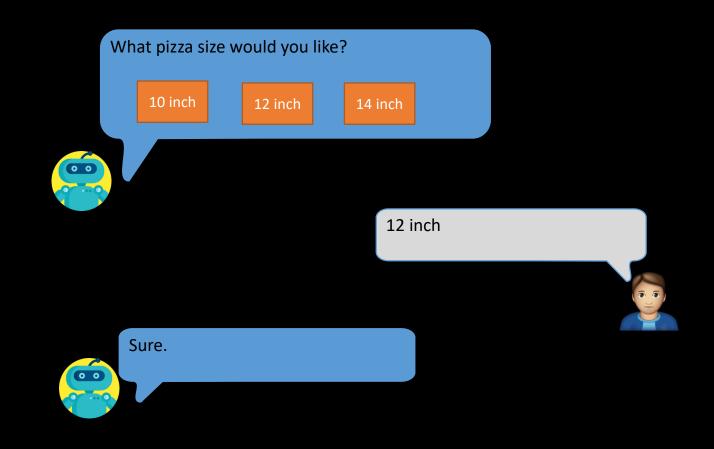


What do you mean??



Something went wrong while preparing my pizza?





I have gathered the order details. Please give me your credit card details.



Here is my credit card details.



*******After a few seconds of inactivity*****

Hey Bot, Are you there?



???? Bot ????



I have gathered the order details. Please give me your credit card details.



I am submitting your order. Please allow a few seconds and I'll be with you.



Here is my credit card details.



Awesome. Thanks!



Alright. Submitted your order. Bye!



Huh?? when will it be ready? Is there any order number for follow up?



Sorry, I can't help you with that.



What?!?!?!?! Are you a scam?



Alright. Submitted your order. Your order will be ready in 25 mins. Here is your order number: 84325



Great. Thanks!



No problem, Enjoy your huge party ©



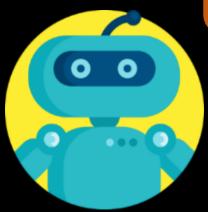
Limitations

- Currently in Preview
- Currently only available in US region
- Authentication Context to Flow is not available
- Branding
- Uploading images
- Channel Integration Messenger, Teams, Slack, KiK etc.,

Take Aways

- You don't need to be a Bot framework expert
- Leverage low Code/No code tools
- Understand the limitations and play to its strength
- Learn Best Practices

Questions?



Overall Event Feedback

