

AGENDA

- ❑ Introduction
- ❑ What can Alexa do ?
- ❑ Alexa Skill Kit
- ❑ How does user interact with a skill
- ❑ Skill Set on Password Generator
- ❑ Conclusion



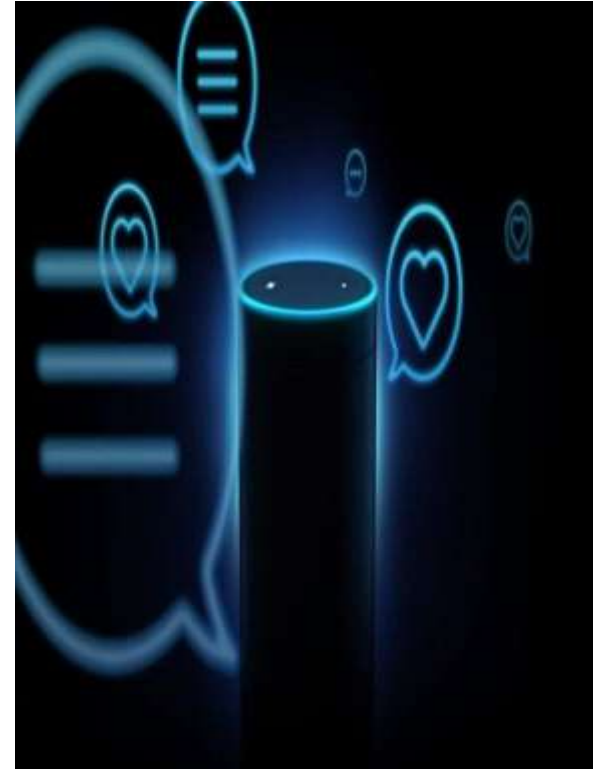
INTRODUCTION

- Amazon Alexa known simply as Alexa is a virtual assistant developed by Amazon, first used in the Amazon Echo Dot smart speakers developed by Amazon Lab126.
- It is capable of voice interaction, music playback, making to-do lists, setting alarms, streaming podcasts, playing audiobooks, and providing weather, traffic, sports, and other real-time information, such as news.
- Alexa can also control several smart devices using itself as a home automation system.



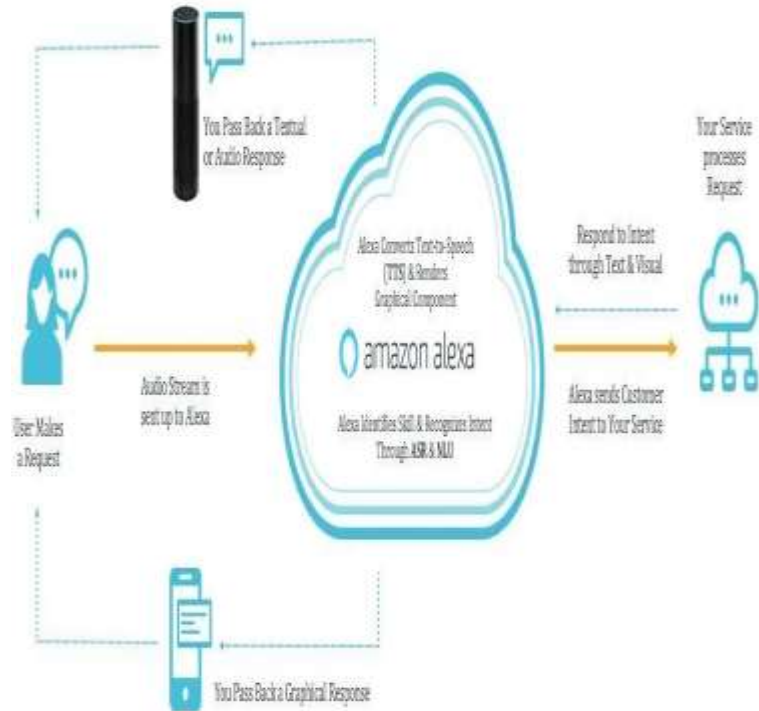
What Can Alexa Do?

- ❑ Constantly improving ASR/NLU engine.
- ❑ Music, News, Sports, Weather, Information.
- ❑ Timers/Alarms, To Do/Shopping Lists, Calendar
- ❑ Smart home control.
- ❑ Local business information.
- ❑ Over 500 third-party skills.
- ❑ New features continually added.



Alexa Skill Kit (ASK)

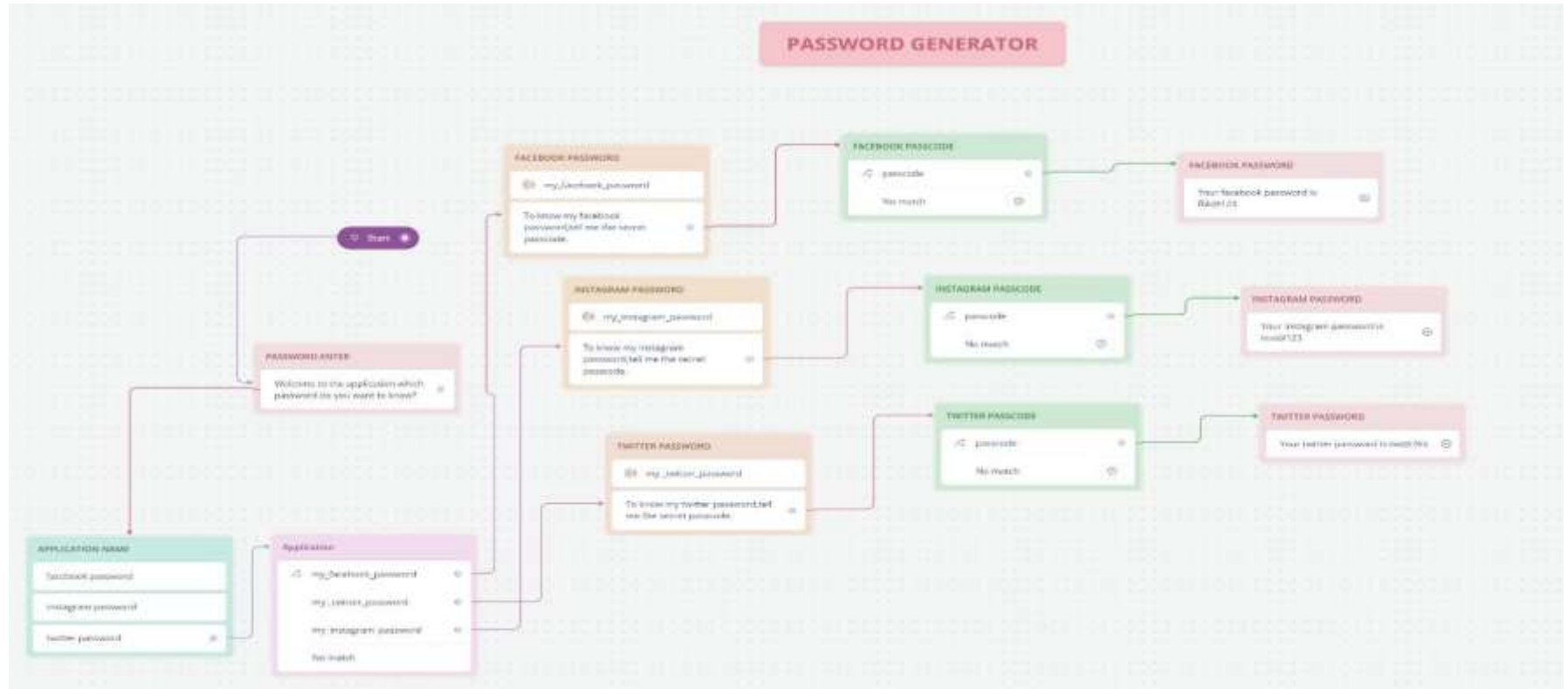
The Alexa Skill Kit (ASK) is a software development framework that enables you to create contain called skills. Skills are like apps for alexa. With an interactive voice interface, Alexa gives users a hands free way to interact with your skill. User can use their voice to perform everyday task like checking the news , listening to music, or playing a game. User can also use their voice to control cloud - connected devices. For example, user can ask Alexa to turn on lights or change the thermostat. Skills are available on Alexa-enabled devices, such as Amazon Echo and Amazon Fire TV, and on Alexa -enabled devices built by other manufactures.



How does user interact with a skill

Every Alexa skill kit is a voice interaction model that defines the words and phrases users can say to make the skill do what they want. This model determines how user communicate with and control your skill. A voice user interface is similar to a graphical user interface in a traditional app. Instead of clicking buttons and selecting options from dialog boxes, user make their request and respond to questions by voice. Often, the voice interaction is of a much shorter duration than interaction with an app. When a user asks questions and makes requests, Alexa employs the interaction model to interpret and translate the words into a specific request to the identified skill .

Skill Set On Password Generator



Conclusion

- ❑ Amazon echo is a voice assistant device and provides a way to communicate with it via voice and can provide different services like Food delivery, Request Taxi, Weather, News, Wikipedia, Traffic, Music any smart home automation/IOT device. So it can be used almost anywhere like in home, office.
- ❑ As the technology continues to improve, so will the number of things we can do with Alexa!



Thank You

Thank You for listening my presentation. Hope you liked it!

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