

Prog 2

First Aid

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Summary

- My First Aid skill was based on Amazon's Alexa-skills-kit for python.
- Most of the intents requested are sent to a function that prompts "call 911".
- Choking help request goes to a separate function to ask user type of choking.
- All CPR related intents, help/restart/quit are sent to a function specifically designed for CPR requests.
- Also, "what can i say" intent gets sent to a function that responds with an appropriate list depending on a state of the conversation.
- Alexa's responses are scripted with ssml to control the pace of the conversation and to add additional functionality such as external audio.

Sample Utterances and Responses 1

User: "help with injured person"

Alexa: "Call 911"

User: "i need help with bleeding"

Alexa: "Call 911"

User: "help AED"

Alexa: "Call 911"

*Any top-level intents prompts "Call 911"

Sample Utterances and Responses 2 (CPR)

User: "i need help with CPR"

Alexa: "I will help you with CPR, step by step" \

"lay the person on a firm, flat surface" \

"you will give 30 chest compressions" \

"Push hard, push fast in the middle of the chest at least two inches deep," \

"and at least hundred compressions per minute" \

"when you are ready to begin, say 'ready'" \

"when you are done with 30 compressions, say 'done'"

Sample Utterances and Responses 2

User: "Ready"

Alexa: "when you are done with 30 compressions, say 'done'" ...Plays, Bee Gee's "Staying Alive" at 100 BPM

User: "Done"

Alexa: "tilt the head back and lift the chin up " \

"pinch the nose shut then make a complete seal over the person's mouth" \

"blow in for about 1 second to make the chest clearly rise" \

"give rescue breaths, one after the other" \

"when are done with rescue breaths, say 'done'"

*CPR Cycle Repeats if user responds with "done" after each step

Sample Utterances and Responses 2

User: "Quit CPR"

Alexa: "Are you sure you want to stop?"

User: "Yes"

Alexa: "Goodbye"

*Session ends at this point