

Overview

My skill is called Emergency First Aid. It starts with the invocation name “emergency first aid”. The skill starts with “Emergency First Aid here, what can I help you with? Please remember to stay calm.” If the user does not respond properly, the skill re-prompts the user with “Please tell me your what you're emergency is. You can ask me 'what can I say' or 'help' for a list of emergencies that I can respond to.”. When the user says “what can I do” or “help” at the beginning, the skill responds with "I can help with checking an injured adult, checking an ill adult, conscious choking, unconscious choking, CPR, AED for an adult, AED for an older child, controlling external bleeding, burns, poisoning, neck injuries, spinal injuries, and stroke.” The user can start the app with many utterances.

- For example, the user can say something like “my friend's just caught on fire” to tell the skill to assist with burns.
- As another example, the user can say something like “someone's choking on their food” to tell the skill to assist with choking.
- As a third example, the user can say something like “he is bleeding badly” to tell the skill to assist with controlling external bleeding.

As of now, the skill responds to all of these with “Call 911 for assistance.”

In the case of CPR, the skill will tell the user how to perform CPR. The user can say something like “she's drowned” to tell the skill to assist with CPR. Like before, the user can say “what can I do” or “help” to tell the user how the skill can be used. When the user says “what can I do” or “help” inside the CPR cycle, the skill responds "I can tell you how to do chest

compressions, tell you how to do rescue breaths, restart at the chest compressions, restart at the rescue breaths, and stop CPR."

The CPR cycle starts with chest compressions. On the first cycle run through, the skill tells the user "Give thirty chest compressions. To do chest compressions, lie the person down on firm, flat surface if possible. Now, push hard and fast in the middle of the chest at least two inches deep and at a rate of at least one hundred compressions per minute. When you are ready to begin, say 'ready'." When the user says ready, the skill replies "When you are done with thirty compressions, say 'done'." If the user does not say "ready" first, the "done" utterance does not do anything. When the user says "done" after the chest compressions, the skill moves on to rescue breaths.

Like before on the first run through the cycle, the skill tells the user "Give two rescue breaths. To do rescue breaths, first tilt the person's head back and lift the chin up. Next pinch the nose shut then make a complete seal over the person's mouth. Blow in the person's mouth for about one second to make the chest clearly rise. If the chest does not rise with the rescue breaths, retilt the head and continue giving rescue breaths. When you are ready to begin, say 'ready'." Again, when the user says ready, the skill replies "When you are done with two rescue breaths, say 'done'." When the user says "done" after the rescue breaths, the skill restarts the cycle but this time without the compulsory explanations of chest compressions and rescue breaths.

At any point in the cycle, the user can say "stop CPR" or "quit CPR" to try to exit the CPR cycle. The skill will first confirm with the user that they really want to stop saying "Are you sure you want to stop?". If the user responds "no," then the skill returns the user back to the part

of the cycle they were at before trying to quit the cycle. If the user responds “yes,” then the skill exits saying "Don't forget to call 911, as well!".