**Feature Name**: Virtual Assistant Skills via Voice Commands

**Feature Statement**

As a … File Clerk

I would like … to invoke a Virtual Assistant skill via a voice command

so that … I can interact with the Virtual Assistant in a natural way

**Acceptance Criteria**

* The inputs are provided on Github repo april-ii-codeathon on [heavywater-garage](https://github.com/HeavyWater-CodeGarage)
* Final code should be shared with heavywaterdevops Github username
* The voice commands should use Alexa Voice Services and Alexa Skills Kit
* The voice command provided should be communicated back to the user real-time through a text box (input)
* The skill name that is being invoked should be communicated back to the user (output)
* If the command provided does not translate to a skill, the user should be notified to retry
* The skill to voice command mapping should be easily extendable for more skills and commands
* The following virtual assistant skills should be invoked through voice commands:
  + Upload File
  + Process File
  + Display Largest Deposit
  + Display Document Types
* Each virtual assistant skill should be triggered through a variety of voice commands, allowing for syntactic and semantic variability. As an example, the following commands should invoke the following skills, but should allow for additional commands:
  + Skill: Upload File
    - “I have a file to upload"
    - “Upload this file"
  + Skill: Process File
    - “I have a file to process"
    - “Process the file"
  + Skill: Display Largest Deposit
    - “How much was the largest deposit?"
    - “What was the largest deposit?"
  + Skill: Display Document Types
    - “What were all of the document types in the file?"
    - “What were the types of documents?"
* Infrastructure should be on Amazon Web Services
* Functionality and infrastructure should be deployed on Amazon Web Services [without any manual steps](https://www.youtube.com/watch?v=WL2xSMVXy5w#t=39m30)
* A video file or video link should be committed to your Github repo, which includes the following components:
  + Instructions of how to run your code
  + Design and development steps that were taken
  + Demo of the functionality
  + Mention of some challenges that were faced
  + Proof on what makes your solution effective beyond the sample commands provided