Subjective (S): MA logged in for the session on time accompanied by his mother. MA was cooperative and motivated by his mother and the clinicians to elaborate on his responses and complete the training related to VAT use during meal preparation Objective (O): Before beginning the assessment, mother reported that MA was able to connect his calendar on ICloud to the Echo Show. User Needs Assessment: During the assessment, MA answered questions about his involvement in preparing the meal, dietary restrictions and 10 user scenarios. MA reported that his parents mostly do the cooking. He sometimes helps with slicing vegetables and stirring the pot. He reported being allergic to coconut but no other dietary restrictions. Scenarios where VAT use would be beneficial to MA included the following: Using skill to set timer, finding substitutions for coconut, Finding recipes to make mac and cheese, how to use certain kitchen tools and searching for more information on ingredients making shopping lists for Costco. Alexa training/command practice: MA practiced the following commands related to meal preparation and dietary restrictions: “Hey Alexa, can you tell me substitutions for coconut?” “Alexa read (show) me the most popular recipes” “Alexa, Can you show me a recipe for mac and cheese?” “Alexa, can you go to the next step?” “Alexa can you repeat?” “Alexa, can you repeat the step?” “Alexa, can you find an read me the options for mac and cheese recipes” Hey, Alexa, add shampoo to my shopping list.” “Hey Alexa read me the shopping list” “Hey Alexa clear me shopping list” “Hey Alexa, check off gum” “Hey Alexa, find me a gluten free recipe for mac and cheese” “Read me option one” “Alexa, read me option two” “Alexa find me a substitution for coconut milk” Alexa, what a vegan or vegetarian recipes” “Hey Alexa, what’s a vegetarian pizza made out of?” “Alexa, read me the next recipe” “Hey alexa, how many grams of sugar are in a chocolate chip cookie?” “Hey Alexa, how many grams of sugar are in a peanut butter cookie?” Hey Alexa, how many grams of sodium are in Ritz crackers?” MA completed the training part of the session by producing most of the commands accurately in a single attempt. However, he needed min to mod cues to speak louder and slowing down his rate of speech. On one instance, MA forgot to add the wake word where he needed prompting. Assessment (A): User Needs Assessment: MA required several verbal prompts from his mother to think about the user scenarios. Blindness makes it a lot more challenging to participate in a complex activity like cooking and meal preparations. However, with assistance of his mother, he was able to come up with few appropriate scenarios where Alexa would be beneficial for assisting MA with respect to meal preparation related questions and recipe finding. Alexa Training /Command practice: MA produced almost all commands independently but he needed assistance from his mom when engaging in multi-step commands such as requiring follow up answers to questions during the cooking instructions. Mother prompted MA to talk louder. Echo show did not provide verbal output for recipes and selection of a particular mac and cheese recipe was challenging for MA secondary to his blindness. Even with the utterance “Alexa, find and read me the recipe for mac and cheese” led to visual output only. Therefore, picking up a recipe from the options was difficult. The same problem was experienced with finding gluten free mac and cheese recipes and picking an option with command “ Alexa, read me option one” led to Alexa opening up Audible.com as it processed this command as MA wanting to read a book. Using an Echo dot with one of the clinicians prompted MA to ask if he wanted to hear the recipe and made it easier with provision of verbal output. Plan (P): MA’s mother voiced concerns about lack of verbal output and inability to use the device without accessibility modifications. Accessibility mods are possible however this will require further training with an AT/accessibility specialist which they didn’t necessarily have access to. MA may want to use a device without a screen such as an Echo Dot to allow for more verbal output. Hence making it more accessible without extra training and therefore, increasing his involvement with complex ADLs like cooking Home exercise program: : Task 1: Finding substitutions (dietary restrictions) Command 1: Alexa, find me a substitute for coconut milk in vegan mac and cheese Task 2: Finding recipes (\* use echo dot or a device without screens to get verbal output for this command to work for MA) Command 1: Alexa, find me a recipe for Mac and cheese Command 2: Alexa, find me gluten free mac and cheese recipe Command 3: Alexa, read me option 1 Task 3: Getting ingredients for a particular recipe Command 1: Alexa, tell me the ingredients to make mac and cheese \*Alexa might ask follow up questions if a particular recipe is not picked yet Command 2: “Alexa, add the ingredients to the shopping list” Task 4: Steps to follow a recipe Command 1: Alexa, read me the steps to make mac and cheese one at a time Command 2: Alexa, repeat step 2 Command 3: Alexa pause the recipe Task 3: Shopping list: Command 1: “Alexa, add gum to my shopping list” Command 2: “Alexa, read me my shopping list” Command 3: “Alexa, check off gum from my shopping list Command 4: “Alexa, clear my shopping list” Task 4: Finding caloric intake/grams of sodium/sugar etc Command 1: Alexa, how many grams of sugar are in a chocolate chip cookie Command 2: Alexa, how many grams of sodium are in a Ritz crackers”