

Group: Genius-tech-bees

Member: Loi Le, Frank Nguyen, Kevin Terwelp, Nguyen Ton

Source code: Use a private GitHub repository for the development. Share the repository with us.

Github link:

https://github.com/Genius-tech-bee/Alexa_Grocery_List

o Intents in the system, and their design rationale.

- AddIntent - used to add an item to the Grocery List
- RemoveIntent - used to remove an item from the Grocery List
- Amazon built-in Intents:
 - AMAZON.HelpIntent - informs user how to use the skill
 - AMAZON.StopIntent - allows user to exit the skill
 - AMAZON.CancelIntent - allows user to cancel a request
 - AMAZON.NavigateHomeIntent - allows user to exit skill and navigate to the home screen (if Alexa device has a screen)

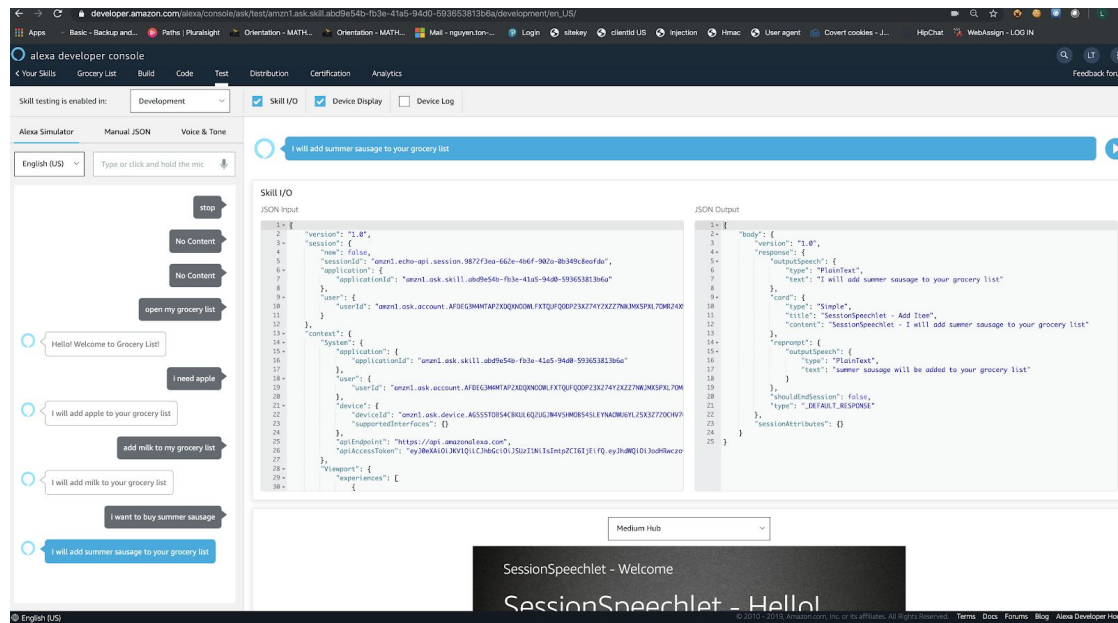
o Slots/Entities in the system, and the design rationale.

We are using the slot Amazon.Food to recognize items in food categories. This helps Alexa distinguish an item for the grocery list from the other words in the user's statement.

o SLOT types used in the system.

Amazon.Food

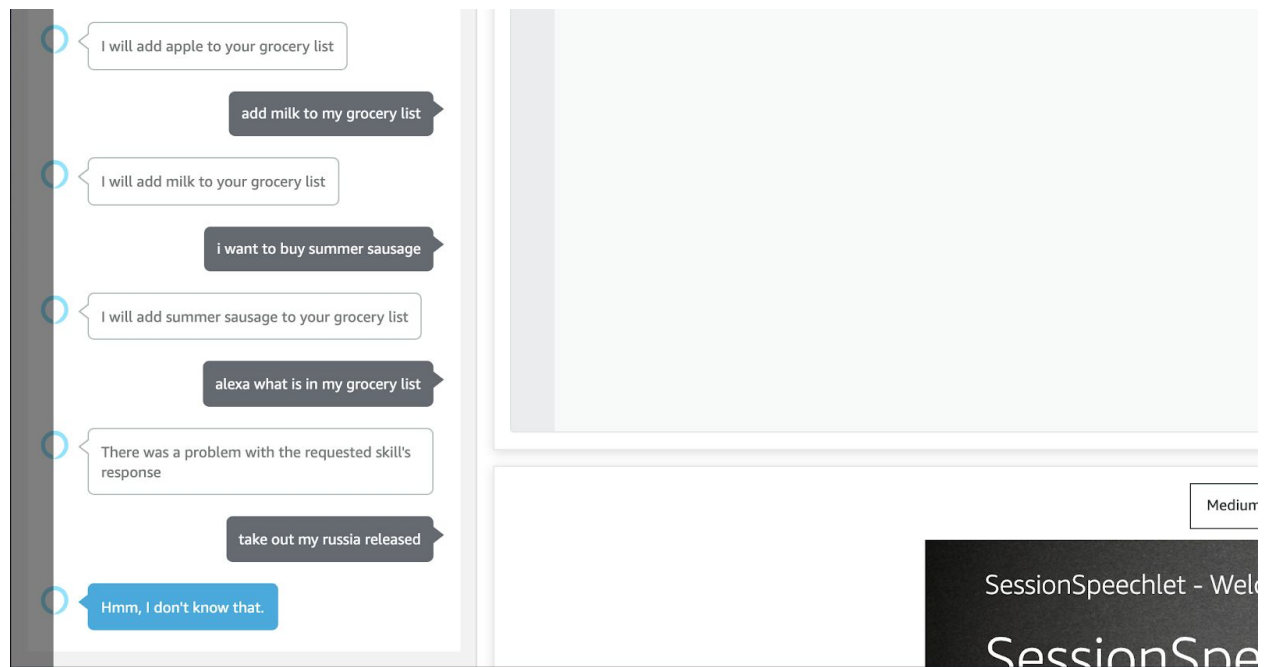
- o Examples for conversations for testing the system.



o Examples for failures (misunderstandings), if any.

Sometimes the spelling is incorrect so Alexa doesn't understand the context or have any responses.

Example:



o Challenges you faced in developing the system.

After a brief tutorial in class, learning how to develop the Alexa skill was difficult to start outside of class . Therefore, the Alexa Documentation and various YouTube tutorials were needed for a better understanding of Alexa skill development. Watching these tutorials and reading the Alexa Documentation made creating the skill much easier to implement. This means getting started and understanding the basics of creating an Alexa skill was the greatest challenge.

o How difficult was developing the system?

After watching online tutorials and seeing examples of other Alexa skills, the development of the Alexa skill was not very difficult. The Alexa Developer Console provides helpful tools to make the development of an Alexa skill much easier, but populated with a myriad of other tools which overwhelmed us initially. Consequently, it was difficult to get started without a tutorial to explain the importance of each tool and how they are best utilized.

o How would you go about testing other groups' project?

We will check in the code for their EndPoint. Then we will check the custom Intents and slots they are using for this project.

We will use the Alexa Developer Console to test the code created by the group.