

Experience Report

o Intents in the system, and their design rationale.

We added 5 intents. AddItem adds an item to the shopping list, RemoveItem removes an item from the shopping list, Hello for greeting, ClearList clears all items in the list, and ReadList reads all items in the list.

For ClearList a confirmation is required to make sure the user wants to clear the list.

For AddItem and RemoveItem the {item} is required, and Alexa would ask the user for the item if it was missing in the utterance.

o Slots/Entities in the system, and they design rational.

For AddItem and RemoveItem we used the {item} slot which would be the product the user would want to add to the list.

o SLOT types used in the system.

For the item's type we used AMAZON.food.

o Examples for conversations for testing the system.

<open shopping list>

Hello! Welcome to your Shopping List.

<hi>

Hello, how can I help you?

<help>

You can add items to your shopping list, remove items from your shopping list, clear your list, or read out the items on your list.

<add apples to my list>

I added apples to your Shopping List.

<remove apples>

I removed apples from your Shopping List.

<read my list>

Here are the items on your Shopping List:

<clear items>

Are you sure you want to clear your Shopping List?

<yes>

I have removed all items from your Shopping List.

<bye>

Goodbye! Now closing your Shopping List.

o Examples for failures (misunderstandings), if any.

<open shopping list>

Hello! Welcome to your Shopping List.

<add apples>

I added apples to your Shopping List.

<add to my list>

What item do you wish to add?

<milk>

I added milk to your Shopping List.

<add>

<remove>

Alexa can ask for the item if it was missing in the utterance. However, when just saying “add” or “remove” it doesn’t say anything back.

o Challenges you faced in developing the system.

When we tried to test the skill we got “there was a problem with the requested skill's response.” It wouldn’t open the skill, so we had to create it again in a separate skill and it worked.

o How difficult was developing the system?

It was difficult in the beginning trying to set up the alexa skill and familiarizing with the different functionalities. After watching some of the tutorial videos, it became pretty simple.

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

We would try to say various utterances to see what their skill could do.