



**Alexa skills now allow stuffing!**

# Inspiration

In the hustle and bustle of everyday life, we forget things.

We forget where we last placed our keys, wallet or even glasses!

We forget that we needed to take the invitation card to an event.

The project will help users keep track of their storage places and all the important items required for an event.

# What it does?

1. Remembers where you last stored an item
2. Creates event lists
3. Recommends you storage places for particular items



# How we built it ?

- I. This skill is built purely on **Node.js**, uses **DynamoDB database** for keeping track of the user's items and it's storage locations.
- II. **Reduced access time**: We have used active items table for items that have been recently accessed. Older items are shifted to a separate table. Performance matters.
- III. **Recommendation**: For recommending plausible storage locations we create history of the previous locations used for storage.
- IV. We have defined intents for **creating event lists**.

# Challenges

1. Implementing the active list: **Architecture and design** had to be thought over in detail before the implementation was successful.
2. VUI model: Interaction model for each intent had to be carefully implemented in order to **maximize UX**.
3. **Scraping custom slot values**: Slots values for itemName and eventName were scraped from the internet using **python scripts** for maximum success rate.

# Links to demo, source code & skill

Source Code: [Github Repository](#)

Youtube Demo: [Stuffer-Demo](#)

Links to Skill:

1. [Stuffer \(US\)](#)
2. [Stuffer \(IN\)](#)
3. [Stuffer \(AUS\)](#)
4. [Stuffer \(UK\)](#)
5. [Stuffer \(CA\)](#)

Zip: [Zip Folder : Stuffer](#)

# Future Updates?

Our team is working towards **personalizing the skill** for each user and towards providing **better recommendations**.

We have a **number of new features** which we plan to incorporate once we have enough users.

Thank you! :)