

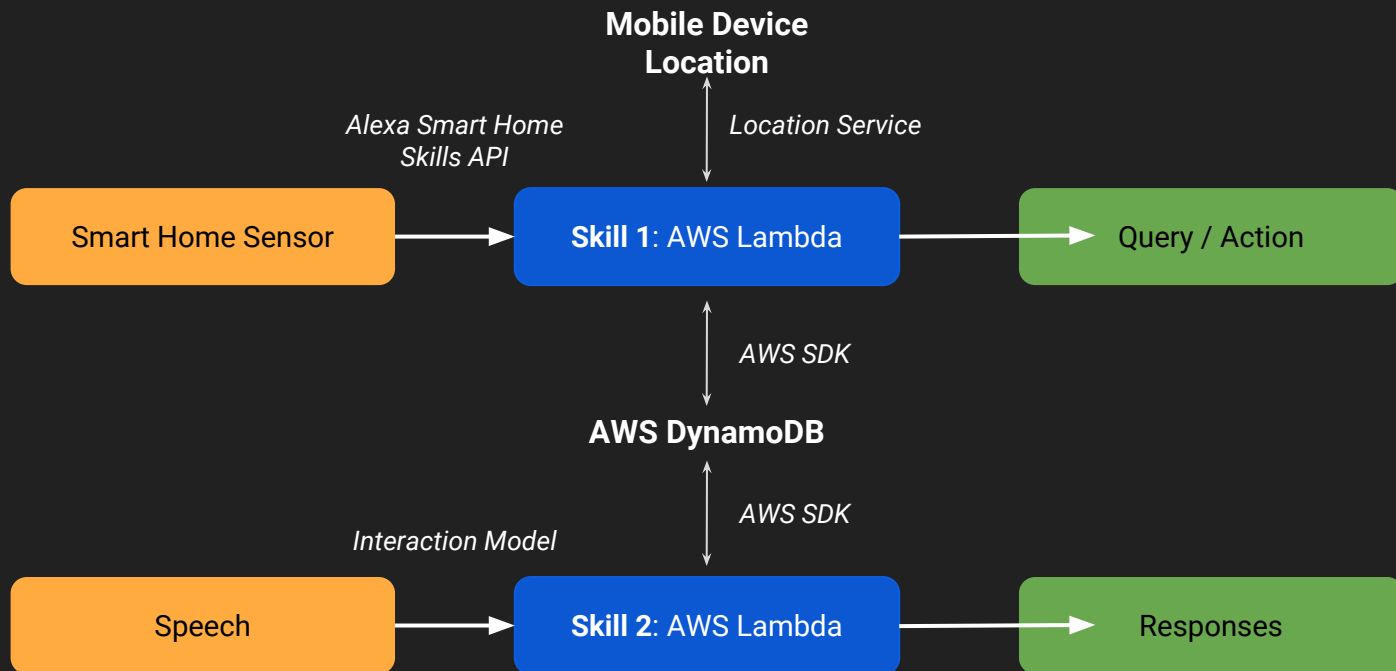
Aware Alexa

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Project Overview

- **Goal:** Design an architecture for Alexa to be aware of its users, so that it can predict and perform action on behalf of the users
- Achieve this by collecting and utilizing
 - User preference, and location (GPS/Bluetooth/WiFi)
 - Smart home sensor data, etc.
- **Aim:** Create the architecture using AWS and Alexa Skill Kit
- **Aim:** Demonstrate the functionality of the architecture through examples
 - Greeting user when entering home and other idea

Technical Approach



Initial Result

1. Understand the workings of Alexa and Alexa Skills
2. Discover and study important API and tools
 - [Alexa Smart Home API](#)
 - [Location Services for Alexa Skills](#)
 - AWS SDK & [DynamoDB](#)
3. Create practice Alexa skills
4. Study how to integrate Smart home sensors to work with Alexa
5. **Next:** use “Welcome Home” as starting point to build the architecture