

This is my description for the personal project:

Amazon Alexa is a virtual voice AI assistant. Skills are specific abilities that the assistant is capable of doing. In the case of Amazon Alexa, Skills can be developed using the Alexa Skills Kit. My project is to make an Alexa Skill that's capable of reading out the school food menu. This will include cases for both breakfast and lunch. It will fetch the menu data from an Excel sheet containing the menu and then read it out. The voice interaction model for this particular Skill mainly involves working with data on an Excel sheet.

The main things the skill will handle while fetching data are:

1. Identify the specific day requested by the user as well as key words used such as tomorrow, yesterday and today.
2. Identify weekends and holidays and respond with the next working day's menu with a notice.
3. Identify whether only lunch or breakfast information is required. Fallback to providing both lunch and breakfast information if there's no explicit command for either one of them.
4. Properly handle a situation where no data is available.

