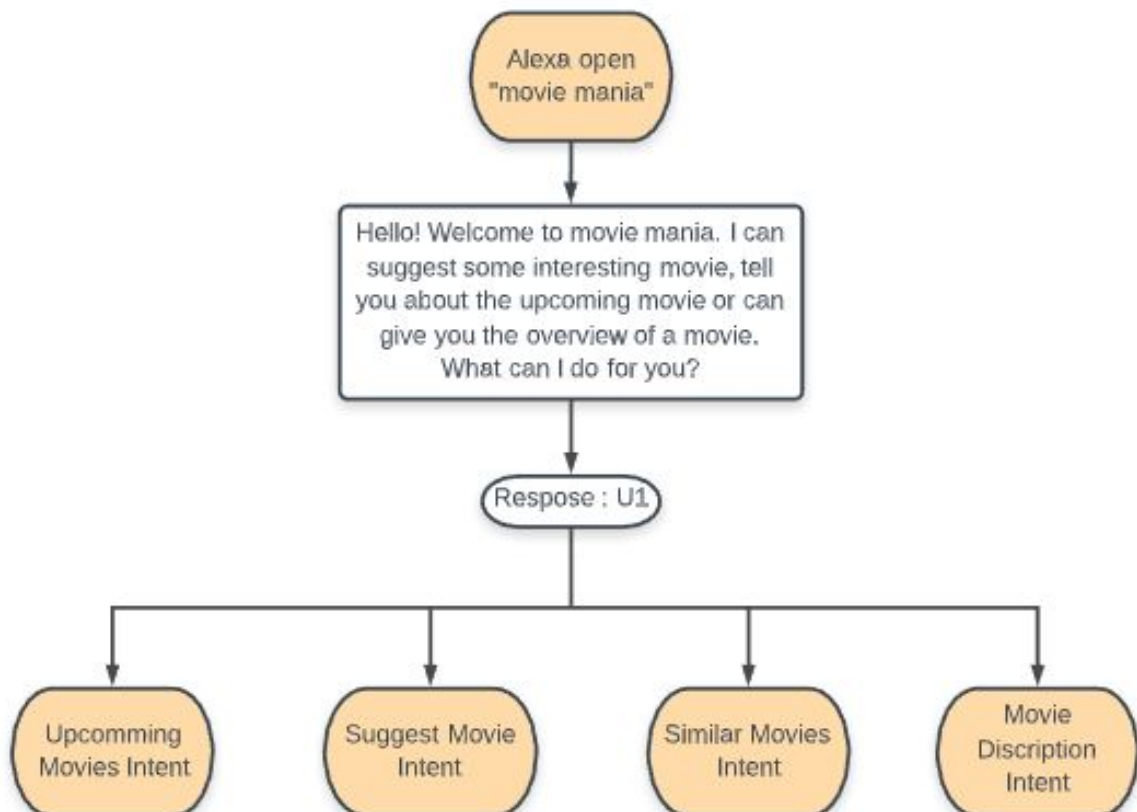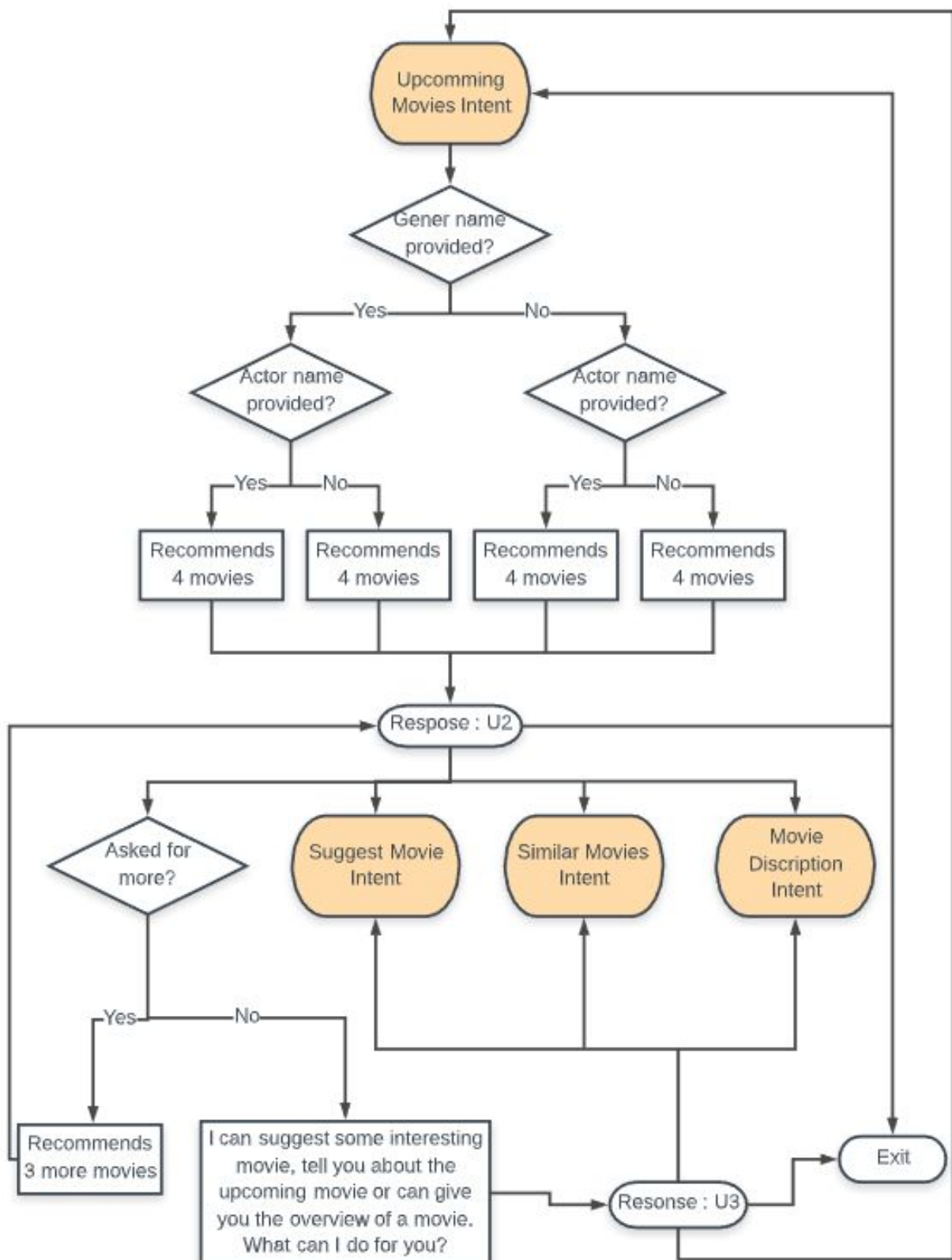# MOVIE MANIA
ALEXA SKILL

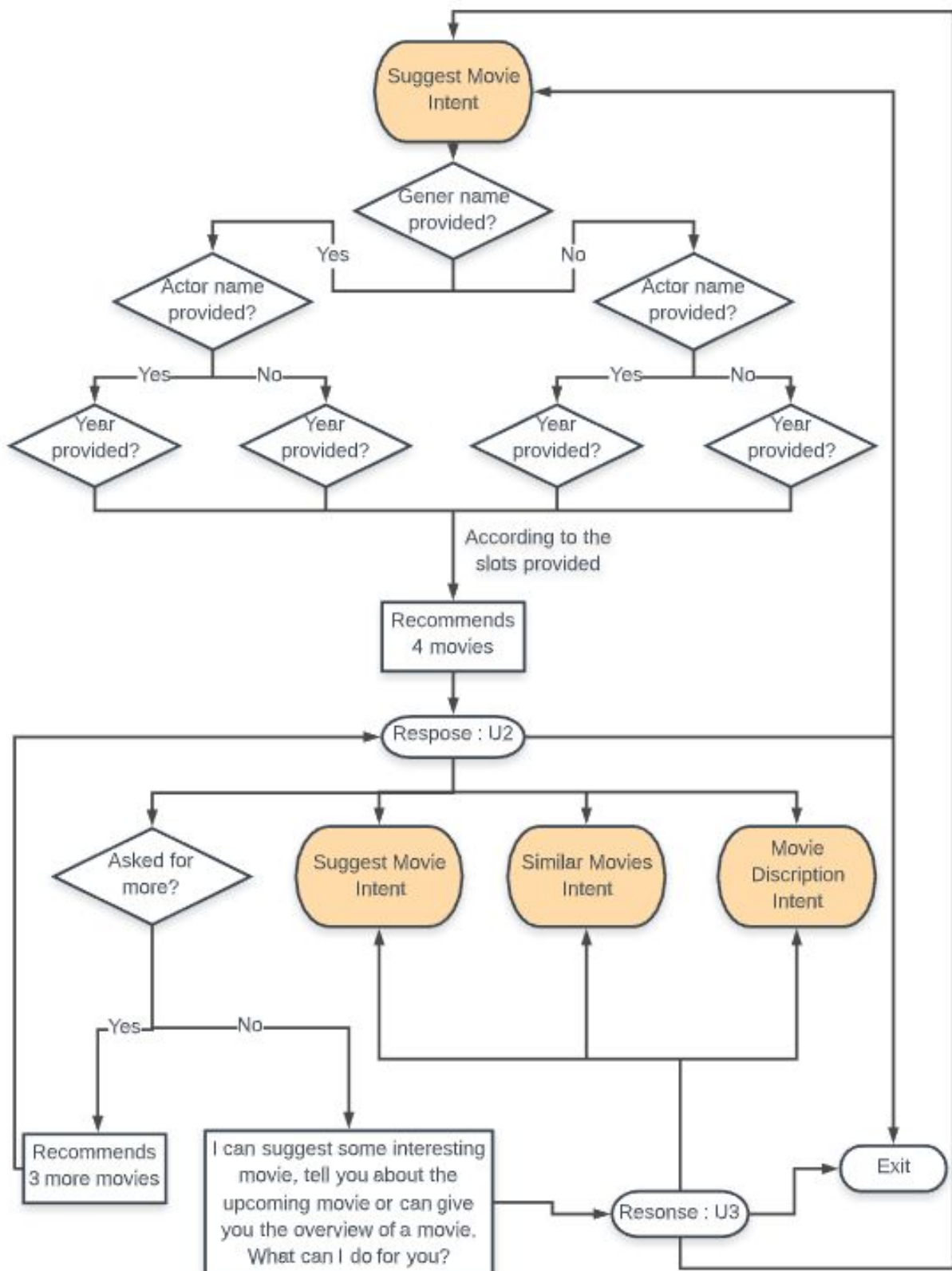The skill aims to engage the user in the following ways:
1. Similar Movies.
2. Movies Description.
3. Upcoming Movies.
4. Movies recommendation.

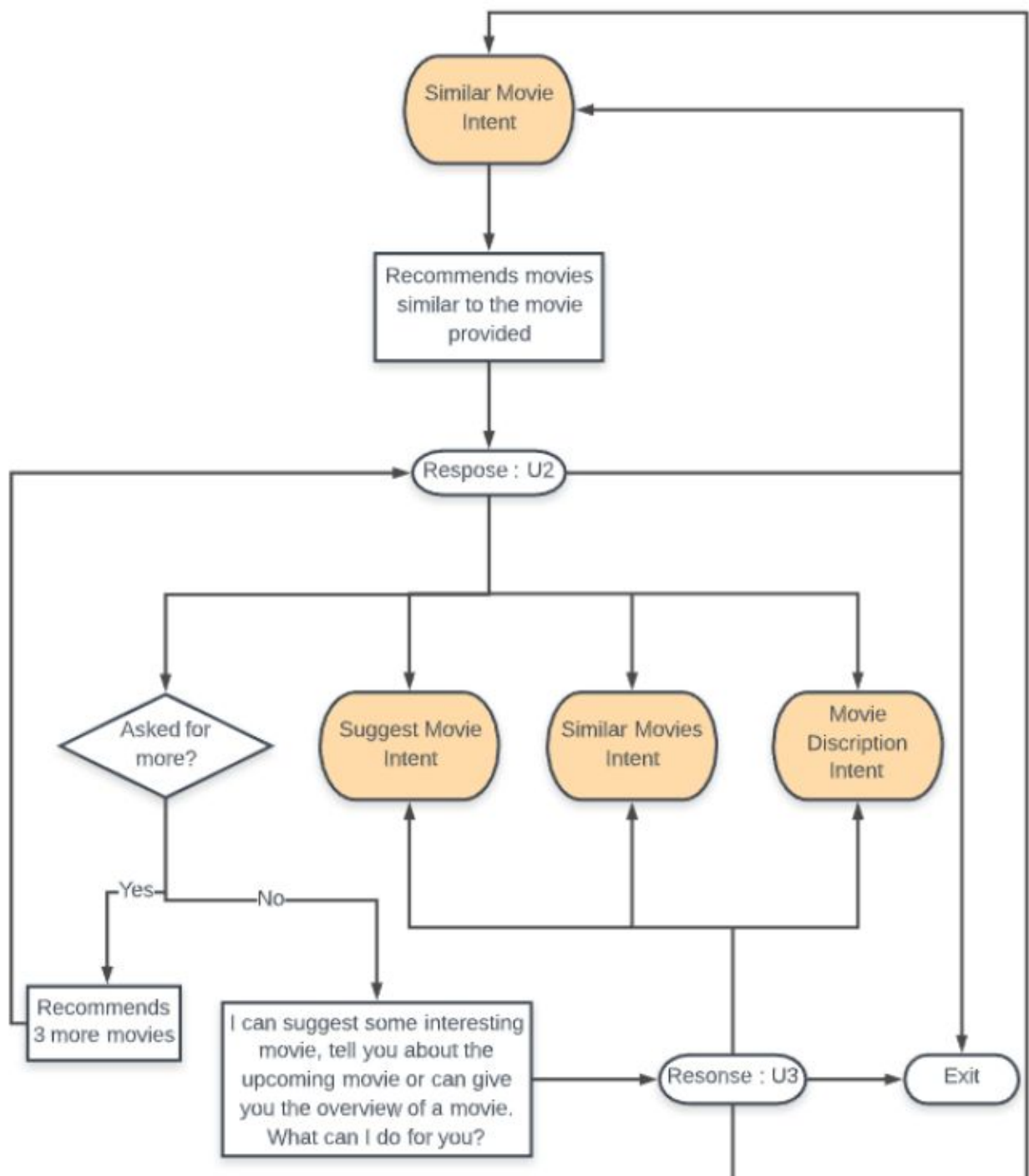Once the user launches the skill saying "Open Movie Mania", Alexa gives the user the option to get a movie description, upcoming movies, similar movies or movie recommendation.

The following UML diagram explains the flow of the skill in a session.

Upcomming Movies Intent

Gener name provided?
— Yes —
— No —

Actor name provided? (Yes branch)
— Yes —
— No —

Actor name provided? (No branch)
— Yes —
— No —

Recommends 4 movies
Recommends 4 movies
Recommends 4 movies
Recommends 4 movies

Respose : U2

Asked for more?
— Yes —
— No —

Suggest Movie Intent
Similar Movies Intent
Movie Discription Intent

Recommends 3 more movies

I can suggest some interesting movie, tell you about the upcoming movie or can give you the overview of a movie. What can I do for you?

Resonse : U3

Exit

```
                    ┌──────────────┐
                    │    Movie     │◄──────────────────────┐
                    │ Description  │                        │
                    │   Intent     │                        │
                    └──────┬───────┘                        │
                           │                                │
                           ▼                                │
                  ┌──────────────────┐                      │
                  │ Gives the overview of │                 │
                  │  the given movie.     │                 │
                  └──────┬───────────┘                      │
                         │                                  │
                         ▼                                  │
              ┌────────────────────────────┐                │
              │ What else can I do for you? I │             │
              │ can suggest some interesting  │             │
              │ movie, tell you about the     │             │
              │ upcoming movie or can give    │             │
              │ you the overview of a movie.  │             │
              └──────────┬─────────────────┘                │
                         │                                  │
                         ▼                                  │
                  ( Respose : U2 )──────────────────────────┘
                         │
        ┌────────────┬───┴────────┬───────────────┐
        ▼            ▼            ▼               ▼
 ┌────────────┐ ┌────────────┐ ┌────────────┐ ┌────────┐
 │Suggest Movie│ │Similar Movies│ │  Movie     │ │  Exit  │
 │  Intent     │ │  Intent      │ │ Discription│ └────────┘
 └────────────┘ └────────────┘ │  Intent    │
                                └────────────┘
```

Movie Description Intent

Gives the overview of the given movie.

What else can I do for you? I can suggest some interesting movie, tell you about the upcoming movie or can give you the overview of a movie.

Respose : U2

Suggest Movie Intent

Similar Movies Intent

Movie Discription Intent

Exit

Intent Handlers

LaunchRequestHandler: Handles the launch request intent of the skill. It explains the basic functionality of the skill.

UpcomingMovieHandler: Raised when the user asks for upcoming movies. Users can even provide an actor name or genre for getting upcoming movies. If the movie with user mentions condition is not there then Alexa informs the user for the same else gives the user upcoming movies.

MovieDescriptionHandler: Raised when the user asks for a movie description by providing a movie name. Alexa gives a brief description of asked movie. If the movie name provided by the user doesn't exist then Alexa informs the user for the same.

MovieSuggestIntentHandler: Raised when the user asks for a movie recommendation on the basis of a genre or the year or particular actor movies. Alexa recommends the user with four movies and if the user asks for more then Alexa suggests three more movies and keeps on doing this until we have movies in our database.

SimilarMoviesHandler: Raised when the user provides a movie and asks similar movies to it.

FallBackHandler: Gets called when the user response could not be mapped to any of the defined intents.

HelpIntentHandler: Gets called when the user asks for help regarding the usage of the skill.

CancelAndStopIntentHandler: Gets called when the user wants to end the session saying "Quit", "Stop", "End" etc.

RepeatHandler: Gets called when the user asks to repeat the last statement.

SessionEndedRequestHandler: Raised when there is a problem compiling the Lambda.

Use Cases

Use Case 1:

User: *Alexa, open Movie Mania.*
Alexa: *Hello! Welcome to movie mania. I can suggest some interesting movies, tell you about the upcoming movies or can give you an overview of a movie. What can I do for you?*
User: *Tell me some upcoming Tom Cruise movies.*
Alexa: *Here are your movie recommendations.*
Suggest four movies
Would you like to know more?
User: *Yes.*
Suggest three more movies
Would you like to know more?
User: *No.*
Alexa: *I can suggest some interesting movies, tell you about the upcoming movies or can give you an overview of a movie. What can I do for you?*
User: Exit.
Skill ends

Use Case 2:

User: *Alexa, open Movie Mania.*
Alexa: *Hello! Welcome to movie mania. I can suggest some interesting movies, tell you about the upcoming movies or can give you an overview of a movie. What can I do for you?*
User: *Suggest movies similar to interstellar.*
Alexa: *Here are your movie recommendations.*
Suggest four movies
Would you like to know more?
User: *Yes.*
Suggest three more movies
Would you like to know more?
User: *No.*
Alexa: *I can suggest some interesting movies, tell you about the upcoming movies or can give you an overview of a movie. What can I do for you?*

User: Exit.
Skill ends

Use Case 3:

User: *Alexa, open Movie Mania.*
Alexa: *Hello! Welcome to movie mania. I can suggest some interesting movies, tell you about the upcoming movies or can give you an overview of a movie. What can I do for you?*
User: *Tell me about the movie Django Unchained.*
Alexa: *Django Unchained was released in the year 2012, Movie Description: ""*
Gives movie description
Alexa: *What else can I do for you? I can suggest some interesting movies, tell you about the upcoming movies or can give you an overview of a movie.*
User: Exit.
Skill ends

Use Case 4:

User: *Alexa, open Movie Mania.*
Alexa: *Hello! Welcome to movie mania. I can suggest some interesting movies, tell you about the upcoming movies or can give you an overview of a movie. What can I do for you?*
User: *Tell me some action movies released in the year 2000.*
Alexa: *Here are your movie recommendations.*
Suggest four movies
Would you like to know more?
User: *Yes.*
Suggest three more movies
Would you like to know more?
User: *No.*
Alexa: *I can suggest some interesting movies, tell you about the upcoming movies or can give you an overview of a movie. What can I do for you?*
User: Exit.
Skill ends