

SiriusXM Radio Inc.

Amazon Alexa Skill Dossier

Pandora Stations

February 4, 2019

Updated March 18, 2019

Feature: Pandora Stations for SiriusXM Alexa Skill (using Music Skill Kit)

Format: Single-Turn Dialogue

Pandora Stations (referred to herein and throughout as “PS”) can be incorporated into our current catalog of broadcast channels by mapping the PS Channel listing values to a new input slot: `ArtistName` and potentially `ArtistAltName`, `RelatedArtistName` depending on SXM’s tagging and Pandora’s API capabilities (this is TBD).

Definitions:

- *Artist Name:* The full name of the Artist (i.e. Diddy).
- *Artist Alt Name:* The alternative name of the Artist that could be more colloquially (i.e. Puffy, Puff Daddy, P. Diddy).

Refer to the examples below and attached table for classifications and mapping:

Goals of the Pandora Stations feature (Intents)

1. Play Pandora Station
 - a. Create a PS
 - b. Recall a PS
2. Provide Feedback on a Pandora Station
 - a. Like a song playing on a PS (thumbs up)
 - b. Dislike a song playing on a PS (thumbs down)
3. Control Playback
 - a. Skip Song
4. Add a PS to Favorite Channels for consumption on another device
 - a. Add a PS to favorite channels
5. Obtain information about a currently playing track.
 - a. Hear Song/Artist information for a song playing on a PS

User Intention #1: Play Pandora Station

Scenario #1: User is not consuming audio on their Alexa-enabled device or is listening to a DMCA restricted channel, AOD episode, Xtra Channel, or PS and wants to create a new PS based on the artist(s) performing the song currently being consumed.

Scenario #2: User is not consuming audio or is listening to a DMCA restricted channel, AOD episode, Xtra Channel, or PS and wants to listen to a PS that was previously created.

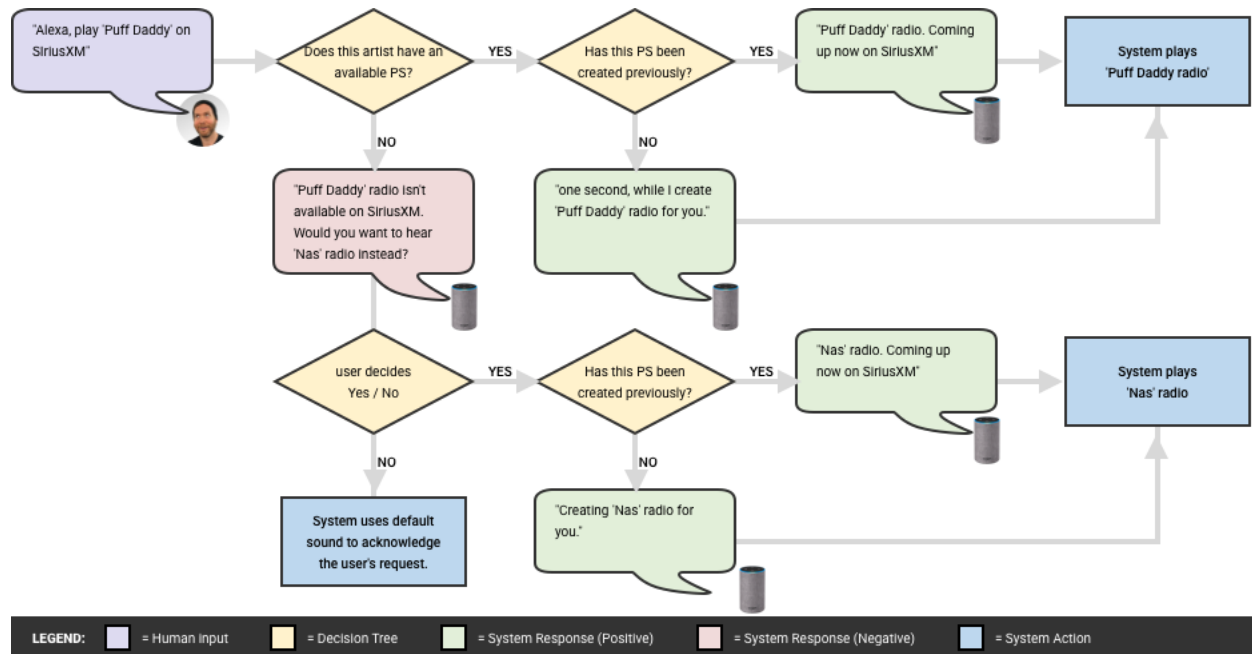


Figure 1: Flow chart for Intent #1

Example:

Intent: PlayPandoraStation {value: "Diddy"}

Utterance scenarios:

"Alexa, play 'Diddy' on SiriusXM."

Alexa,	play	Diddy	on	SiriusXM.
Wake Word	AudioPlayer Directive { AudioPlayer.Play }	Built in Slot {AMAZON.Musician} or {AMAZON.MusicGroup}	{-}	Invocation Name

“Alexa, play ‘Puff Daddy’ on SiriusXM.”

Alexa,	play	Puff Daddy	on	SiriusXM.
<i>Wake Word</i>	<i>AudioPlayer Directive</i> { <i>AudioPlayer.Play</i> }	<i>Built in Slot</i> { <i>AMAZON.Musician</i> } or { <i>AMAZON.MusicGroup</i> }	{-}	<i>Invocation Name</i>

“Alexa, open SiriusXM and play ‘Diddy.’”

Alexa,	open	SiriusXM	and	play	Diddy.
<i>Wake Word</i>	<i>Launch Word</i> { <i>open</i> }	<i>Invocation Name</i>	{-}	<i>AudioPlayer Directive</i> { <i>AudioPlayer.Play</i> }	<i>Built in Slot</i> { <i>AMAZON.Musician</i> } or { <i>AMAZON.MusicGroup</i> }

“Alexa, open SiriusXM and play ‘Puff Daddy.’”

Alexa,	open	SiriusXM	and	play	Puff Daddy.
<i>Wake Word</i>	<i>Launch Word</i> { <i>open</i> }	<i>Invocation Name</i>	{-}	<i>AudioPlayer Directive</i> { <i>AudioPlayer.Play</i> }	<i>Built in Slot</i> { <i>AMAZON.Musician</i> } or { <i>AMAZON.MusicGroup</i> }

User Intents 2-5

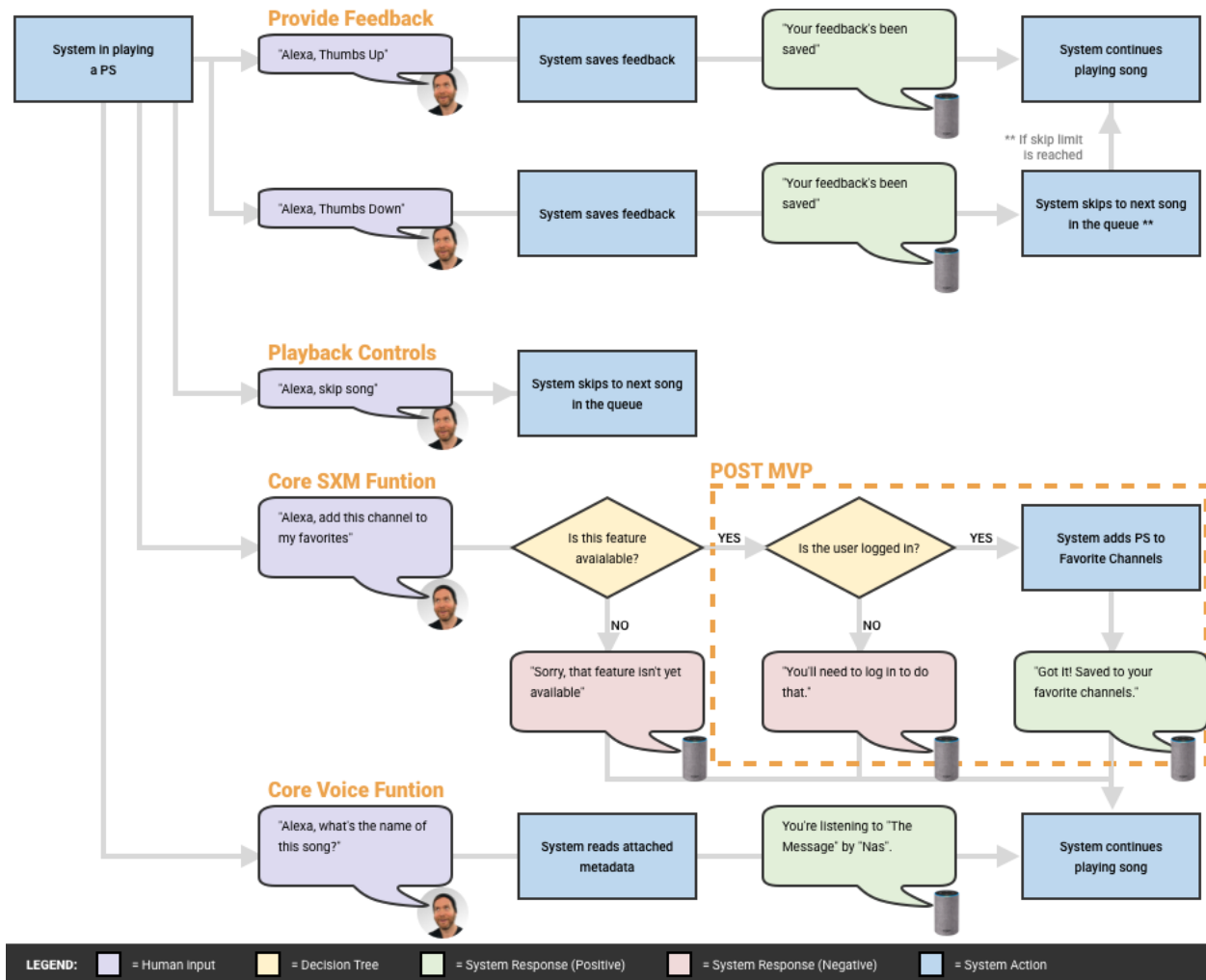


Figure 2: Flow chart for Intents #2 – 5

User Intention #2: Provide Feedback on a Pandora Station

Scenario #3: User *likes the song* that is currently being consumed, and wants to hear more songs similar to this one.

Scenario #4: User *dislikes the song* that is currently being consumed, and does not want to hear any more songs similar to this one.

Example:

```
Intent: giveFeedbackIntent {value: "thumbs up"}
       giveFeedbackIntent {value: "thumbs down"}
```

Utterance scenarios:

“Alexa, thumbs up this song.”

Alexa,	thumbs up	this song
Wake Word	Custom Intent {thumbs up}	utterance {-}
	Synonyms: {like} {love} {enjoy} {dig}	

“Alexa, thumbs down this song.”

Alexa,	thumbs down	this song
Wake Word	Custom Intent {thumbs down}	utterance {-}
	Synonyms: {dislike} {don't like} {do not like} {hate} {disapprove}	

*** Note: When a user provides negative feedback (i.e. thumbs down) SiriusXM will save the negative feedback and skip to the next track if that function is available. A user is permitted six skip forwards per channel, per hour. Once that limit is met, the user is still permitted to provide negative feedback for a song, but track will not be skipped in accordance with the DMCA restrictions.*

User Intention #3: Control playback on a Pandora Station

Scenario #5: User dislikes the song that is currently being consumed, and does not want to hear it any more.

Example:

Intent: `AMAZON.NextIntent {value: "skip"}`

Utterance scenarios:

“Alexa, skip this song.”

Alexa,	skip	this song.
Wake Word	Built in Intent {AMAZON.NextIntent}	utterance {-}

*** Note: When a user skips a track, SiriusXM will save the negative feedback and skip to the next track if that function is available. A user is permitted six skip forwards per channel, per hour. Once that limit is met, the user is still permitted to provide negative feedback for a song, but track will not be skipped in accordance with the DMCA restrictions.*

User Intention #4: Add a Pandora Station to Favorite Channels for consumption on other devices (POST-MVP)

Scenario #6: User enjoys listening to a channel and wants to add it to her/his favorite channels.

Example:

Intent: addFavoriteIntent {value: "add"}

Utterance scenario:

"Alexa, add this channel to my favorites."

Alexa,	add	this channel	to	my Favorites.
<i>Wake Word</i>	<i>Custom Slot</i> {add}	<i>Utterance</i> {-}	<i>{-}</i>	<i>Utterance</i> {-}

User Intention #5: Obtain information about a currently playing track. (POST-MVP)

Scenario #7: User likes the song that is currently being consumed and wants to know the title of the song and/or the recording artist(s).

Example:

Intent: getInfoIntent {value: "this song"}

Utterance scenario:

"Alexa, what's the name of this song?"

Alexa,	what's the name of this song?
<i>Wake Word</i>	<i>Custom slot</i> {name}