Scenarios, User Stories and features

# Scenarios& features

### Someday at noon, Eileen’s mom is going to prepare lunch for her baby and herself. She puts her baby on the play mat around with Center Safety Yard Pen in the family room that is near by the kitchen and she can have eyes on her baby while she is cooking; at the same time, Eileen can see her mother, too. A zodiac toy and other toys are around Eileen. Eileen picks up the Zodiac toy that is a cartoon snake in bright green cover and has a pair of big eyes that can close and open, and a long tail. She touches its eyes then pulls its tail. Sometime she try to tear the toy; sometime she slick the zodiac Snake ;sometime she throws it away then she crawls to pick up again. Suddenly, music is playing from the zodiac Snake since Eileen pushes the Play button. Eileen hears that and looks very curious. She holds the toys up and down, looks its face and looks back; try to find out what happen. When she hears her favorite songs, she is chuckling. Her mother smiles while she hears Eileen’s laugh.

Features:

1. Music/songs play
2. The eyes are open/ close
3. It’s safe to hold, touch, bite, slick and throw

### Kate is crying. Her mom Lily holds her and walks around the room, and pats on Kate’s back gently. However, it does not work. Kate is still crying. Kate does not speak yet. However, her mother knows she is not hungry since she just has some milk and is not sick. Therefore, she finds Kate’s favorite toy a zodiac Dragon and shows it to Kate and let the lullabies play. Kate notices the eyes of toy are close or open when her mother moves the toy. She stops crying and watches it for a while then starts to cry again. Lily thinks Kate feels boring about dragon, so she changes a dog cover instead of the dragon. Kate now laughs and stops crying. Though it does not work all the time but this time it did, it makes Kate calm her down and stop crying.

Features:

1. lullabies play
2. The eyes are open/ close
3. The cover can be changed then show as a different animal.

### A few months ago, Lily noticed a new toy named Zodiac animal sold well on Amazon and it got very good reviews and rating. One day Lily knew the toy can get 25% off. Lily puts an order for this toy. A few days later, she received a package from Amazon. She opened it and found a very cute zodiac Dragon in it. She read the manual first, starts to play the original music, but she did like them. Therefore, she connects the toy to computer with USB cable, deleted some music and copies lullabies to the toy. After that she create a playlist about lullabies and set 30 minutes playing time and other playlist about white noise with one hour playing time. In addition, she set when to fade out the sound and light followed the manual. She has done all. She put the toy into crib of her baby. She hope her little girl love this toy.

Features:

1. Can connect with computer with USB cable;
2. To copy lullabies or other music/songs to the toy
3. Delete the songs that she does not like.
4. Setting the playlist
5. Setting the period of time for each playlist
6. Setting when to fade out the sound and light brightness

### Helen is so crazy for her baby’s voice since her girl born. She tries to record every voice from her little girl. However, she always missed that moment. Her friend gave her baby a gift that is zodiac Horse toy and told her she can use it as a recorder. Her baby loves the toy and holds it all the time and wherever she goes. One thing she need to do is to press the tummy of the Horse for one second then the toy start to record when she tries to record some voice of her girl whatever the toy is playing music not. Helen is so happy she just recorded the first sound “mom” from her daughter a few minutes ago when her baby is playing with the toy playing music. Helen copied this file to her computer, saved, and erased some files she does not need any more.

Features:

1. Record sounds.
2. Playing music can be suspend when recording and after recording, it would resume.
3. Support copy /erase function.

### It is 7:00pm; Lily puts her baby Kate into crib after she gives her baby a warm bath and feeds her baby some milk. Lily picks up the zodiac toys (It is a dragon), selects lullabies playlist, presses the switch to play the lullabies then passes the dragon to Kate and turns off the light. Kate wants her mother plays with her; Kate passes the dragon back her mother then takes back again. On the other hand, she throws the dragon away and asks her mother picks up for her. Kate is active, always changes her position, sit, lay and stand up, But after half an hour. Kate starts to yawn and rub her eyes. Moreover, go to tummy and close her eyes. Lily puts dragon into Kate’s arm, and leave the room slightly. Kate holds the dragon into sleep, volume of lullabies and light fade out gradually after 10 minutes.

Features:

1. List all playlists.
2. Can choose playlist
3. lullabies play
4. Can adjust light brightness.
5. It is soft and warm.

# User stories

### As a kid, I want to play with the toy so that I feel comfortable and get funny.

### Acceptance criteria:

1. Cartoon style, Beautiful appearance with bright colors
2. It is oft to the touch.
3. No potential risk for kids

For example, Small parts maybe fall off and cause choking when kids tear, or throw.

1. Maximum volume will not scare the babies.

### As a kid, I want to hold it when I am sleeping so that I feel warm and safety.

### Acceptance criteria:

1. It is easy to hold for kids. Toy’s size is 5 x 5 x 10.5 inches, weight is 15 ounces or less.
2. Cartoon style, Beautiful appearance with bright colors
3. It is soft to the touch.
4. No potential risk for kids

For example, Small parts maybe fall off and cause choking when kids tear, or throw.

1. Maximum volume will not scare the babies.

### As a mom, I want to copy my baby’s favorite lullabies into the toy and add to sleeping music play list so that I can play these lullabies when it’s time to go to bed for my baby.

### Acceptance criteria:

1. If there is no enough space, it should have warning message like “Lack of space”.
2. If copy complete, display “file(s) copy successfully”.
3. It can browse the files list.
4. If it reaches the maximum of songs in playlist when adding songs/music/lullabies, display the warming message “The maximum of songs in playlist is 5, please delete some files then try again.”
5. Can browse the playlist and see the copied file(s).

### As a mom, I want to play lullabies to my baby so that I smooth the baby let he/she calms down and fall into sleep easily.

### Acceptance criteria:

1. If no playlist exist, it should have warning message like “please create a playlist first or play the lullabies directly”.
2. If there are some playlist, display all list of playlist.
3. Maximum volume will not scare the babies.
4. In the last few minutes of play (it can be setting), the volume and light will fade out gradually.

### As a mom, I want to record my baby’s babbling so that I can save and recall after years as a precious gift.

### Acceptance criteria:

1. If there is no enough space, it should have warning message like “Lack of space”.
2. The record file is Mp3 format.
3. The record file allows copying and deleting.
4. Size of each record file depends on the memory space.
5. Select the recording, recording would suspend the musing playing, and after recording, music play resume.