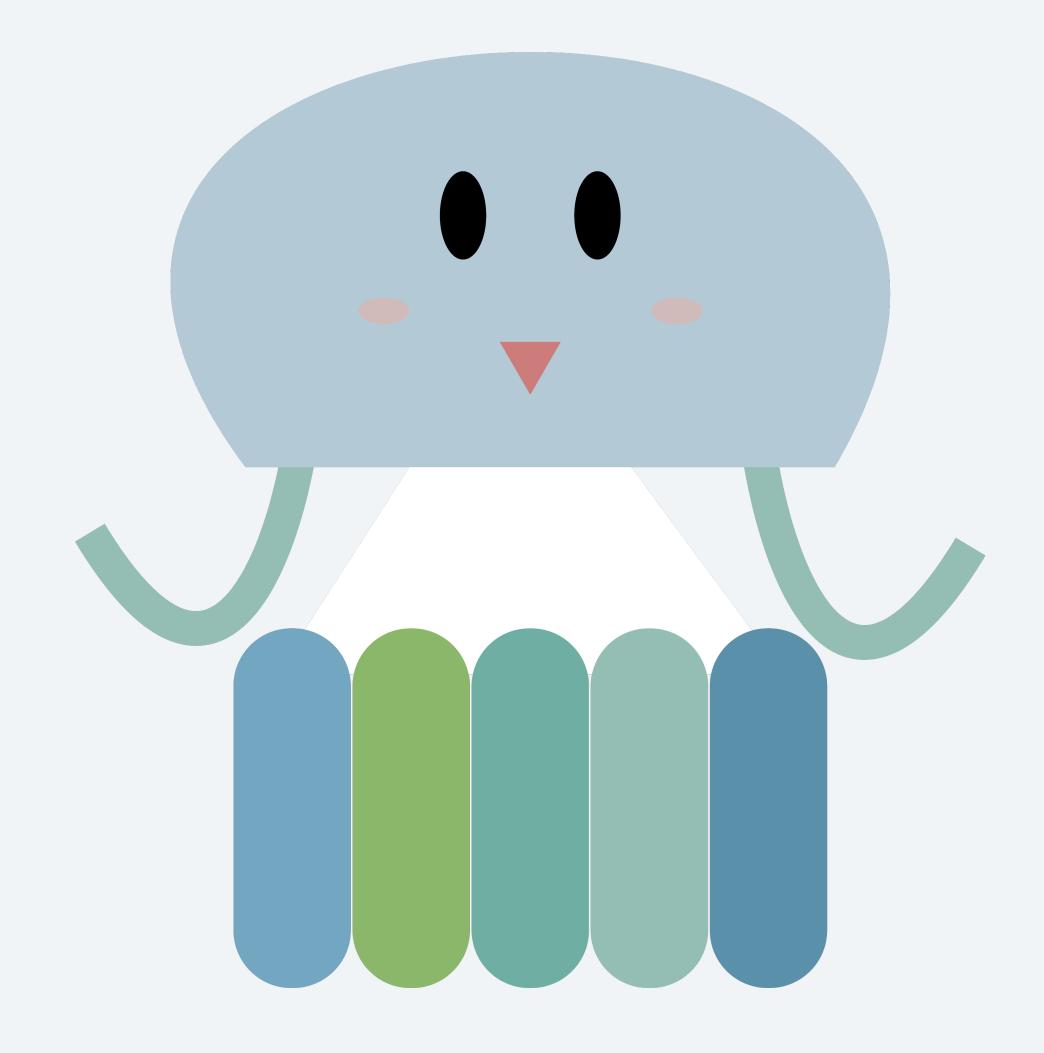
Meet Jello! Your Storytelling Buddy

Prototyping_Sentient Artifact

Sherry, Yujing, Prachi

Timeline

3 weeks



We all love stories- especially children.

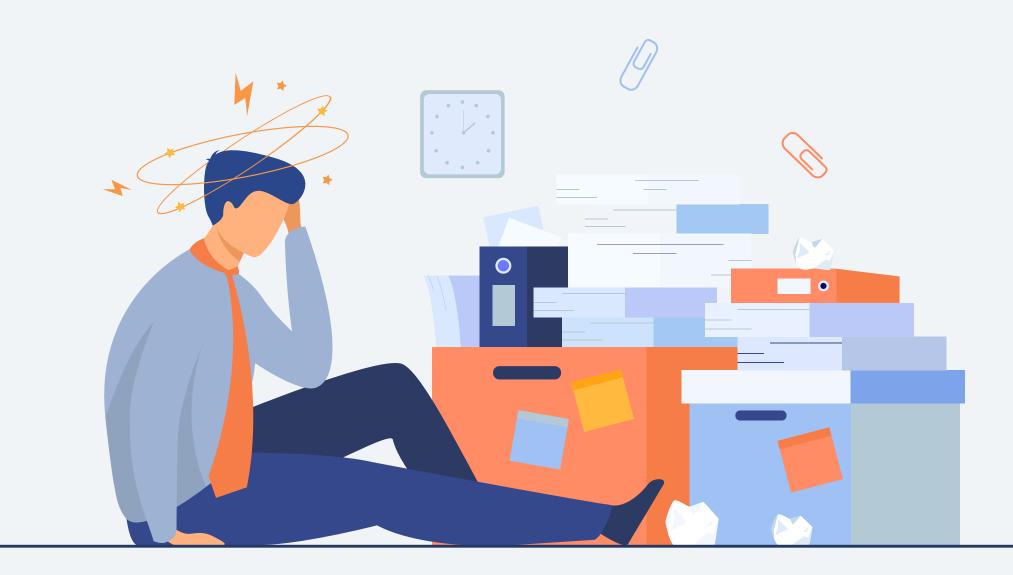
Stories play a vital role in the growth and development of children.



Story

Telling stories is a bittersweet task

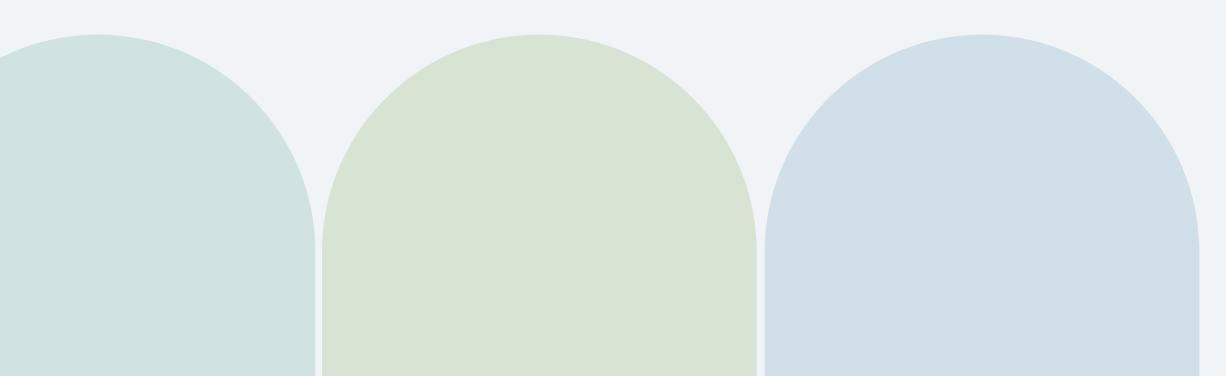
Parents love their children and defintely want to spend more time with their children, but sometimes they're too busy or are travelling and away from their child...





How can we help?

Use sentient artifacts to enhance communication and maintain connection between family members who are physically separated or who want to take a break.





< Back

Introducing Jello!

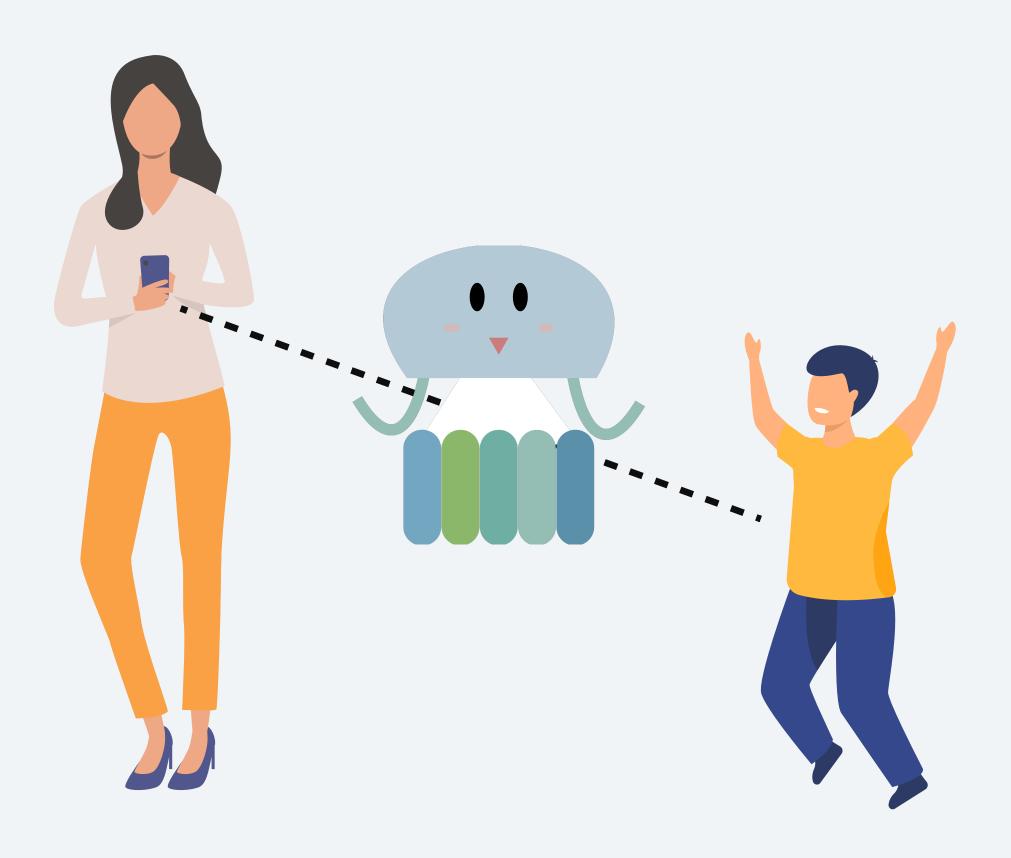
Storytelling made easy

Story crafting tool for busy parents Story telling companion for young kids (3-6 year olds)

How it helps

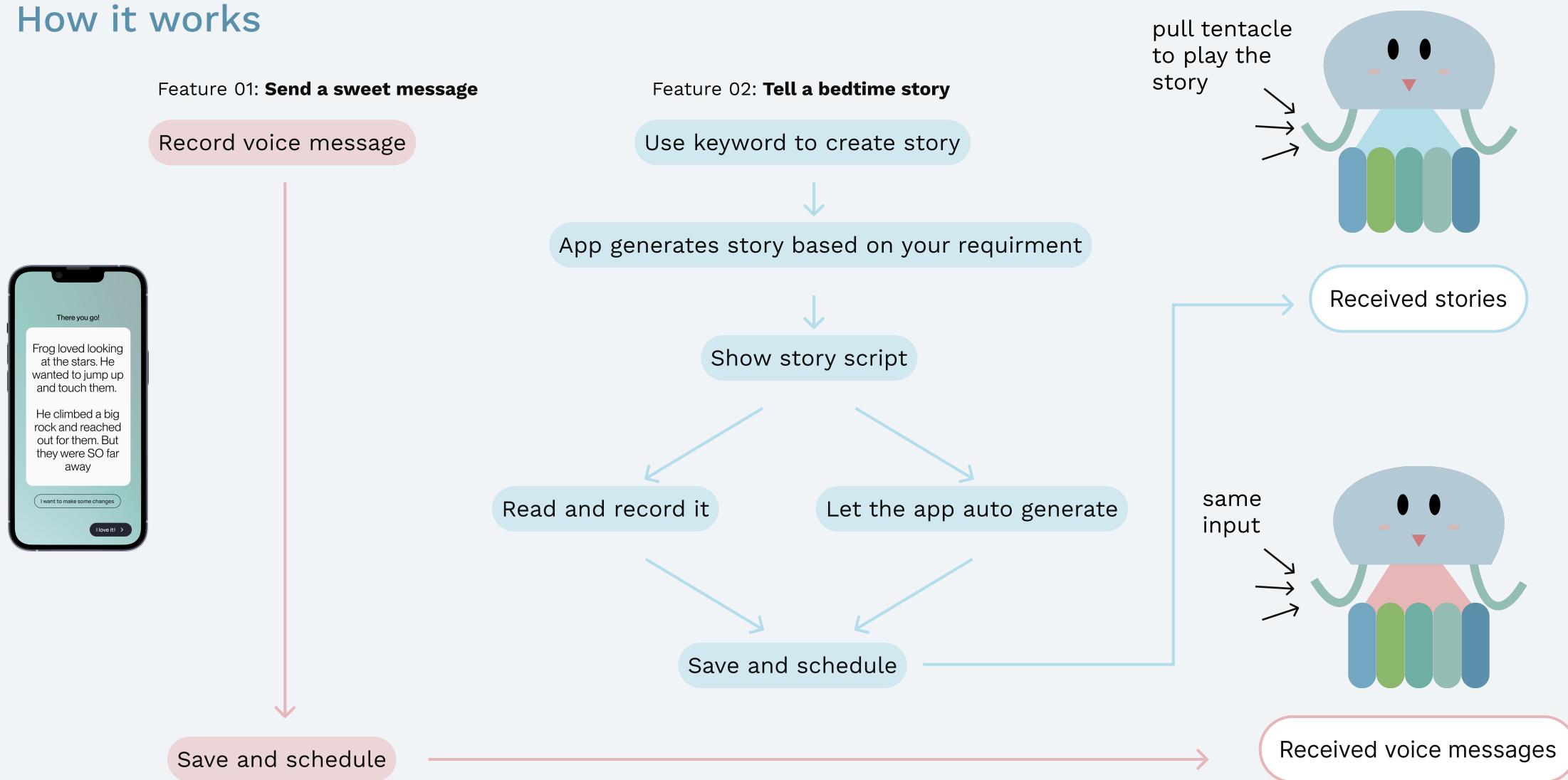
Parents

- Become a better storyteller
- Stay connected with their children while away and busy at work, even when timings don't match
- Get a chance to take a break and connect based on their ease of schedule



Children

- Feel a sense of companionship even if they're physically apart from their parents
- More interesting stories
- Expands the child's imagination



DEMO TIME

2 Volunteers!!

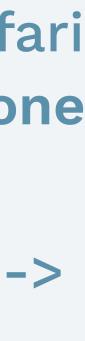
"Frog loved looking at the stars. He wanted to jump up and touch them.

He climbed a big rock and reached nut for them Rut



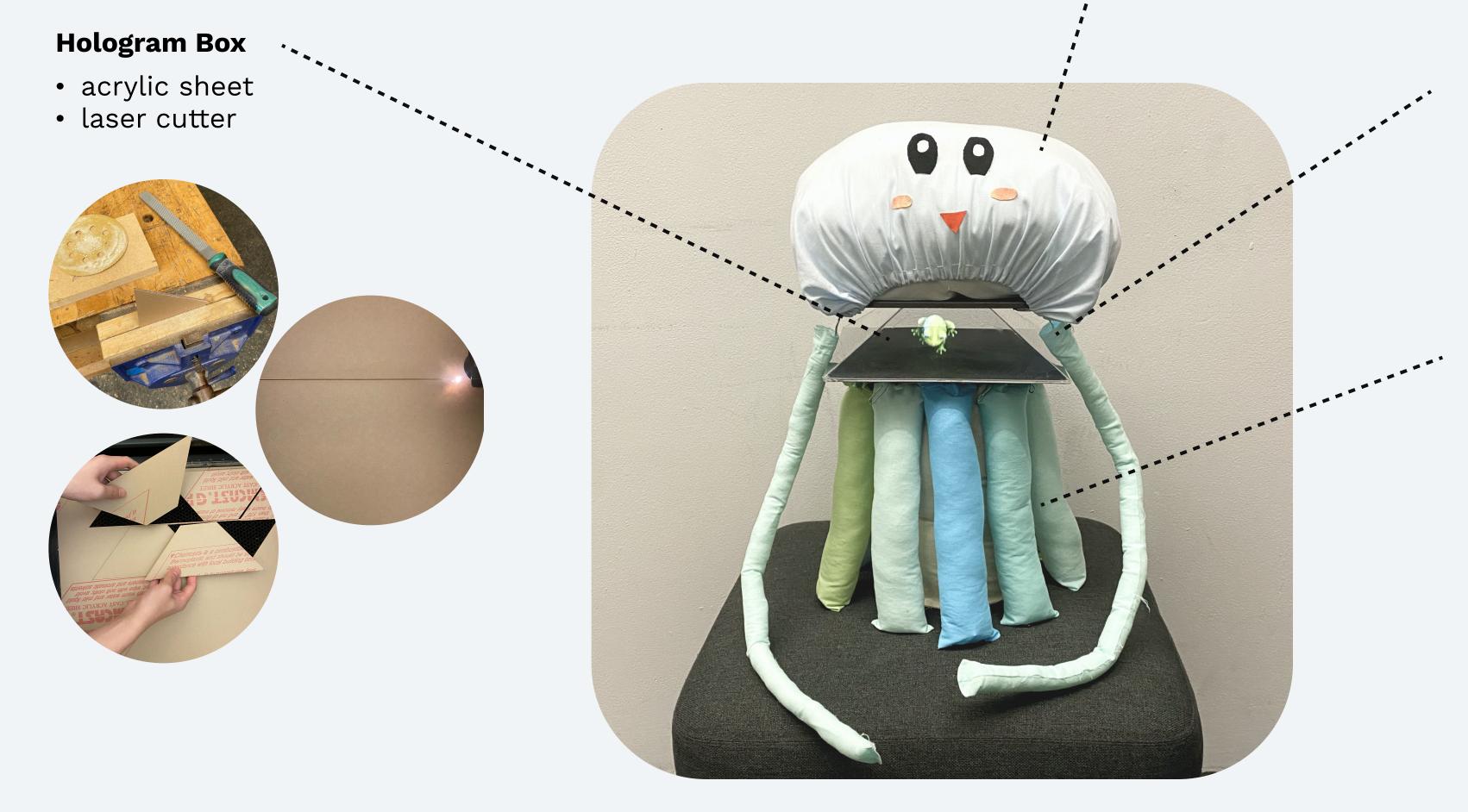
Connect to CCA wifi -> Safari https://10.28.19.135:3000/Phone

> Unsafe URL warning -> View Details -> Go to the website->





The Form | Physical



Head

- polyester fiber
- cotton fabric
- needle & thread
- elastic band



Tentacles

- suction cups
- wire
- rubber from touch pen

Body

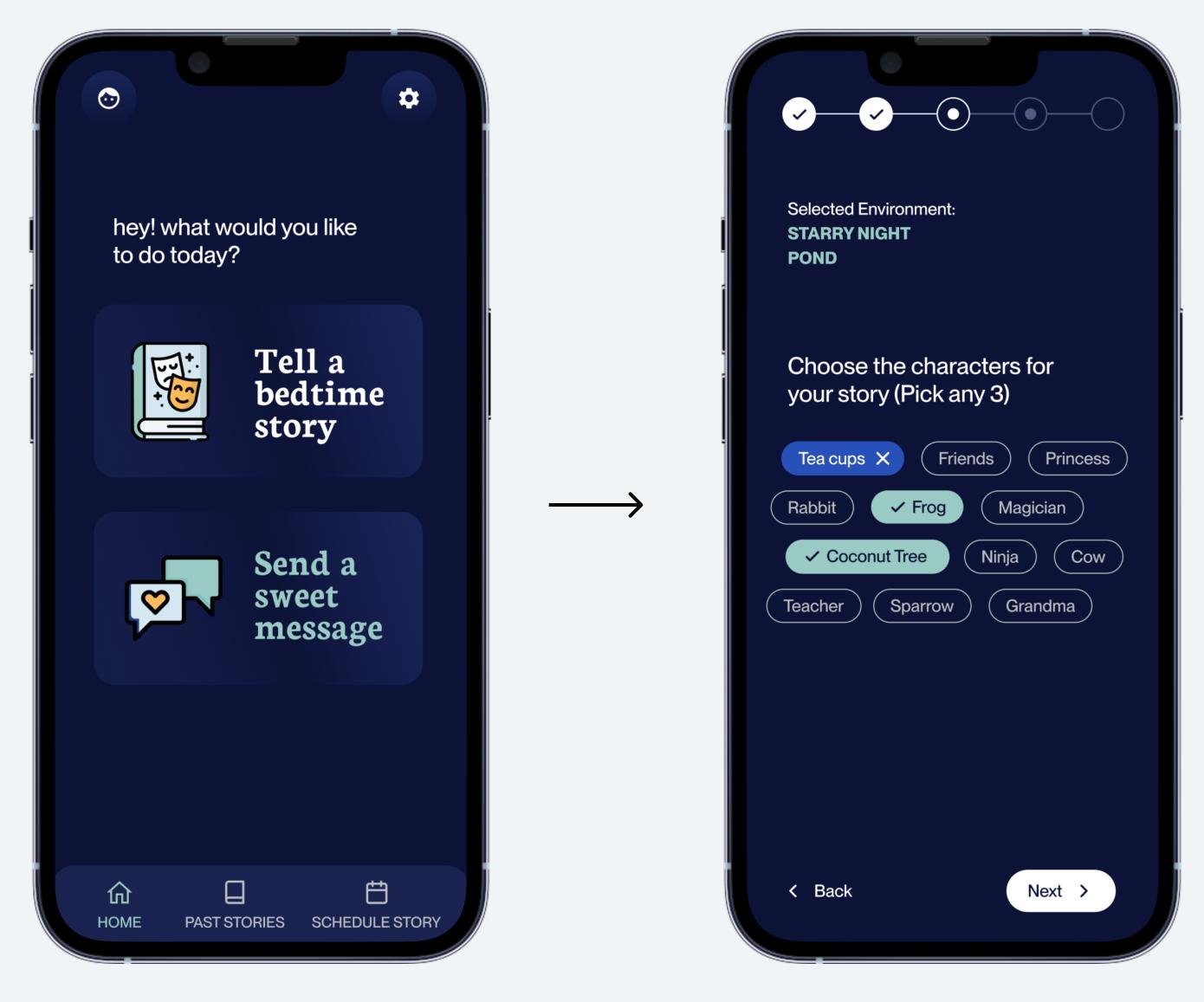
- wire
- polyester fiber
- cotton fabric
- fabric glue



The Form | Digital

Mobile Application

(for the parents to craft stories easily and send to their children)

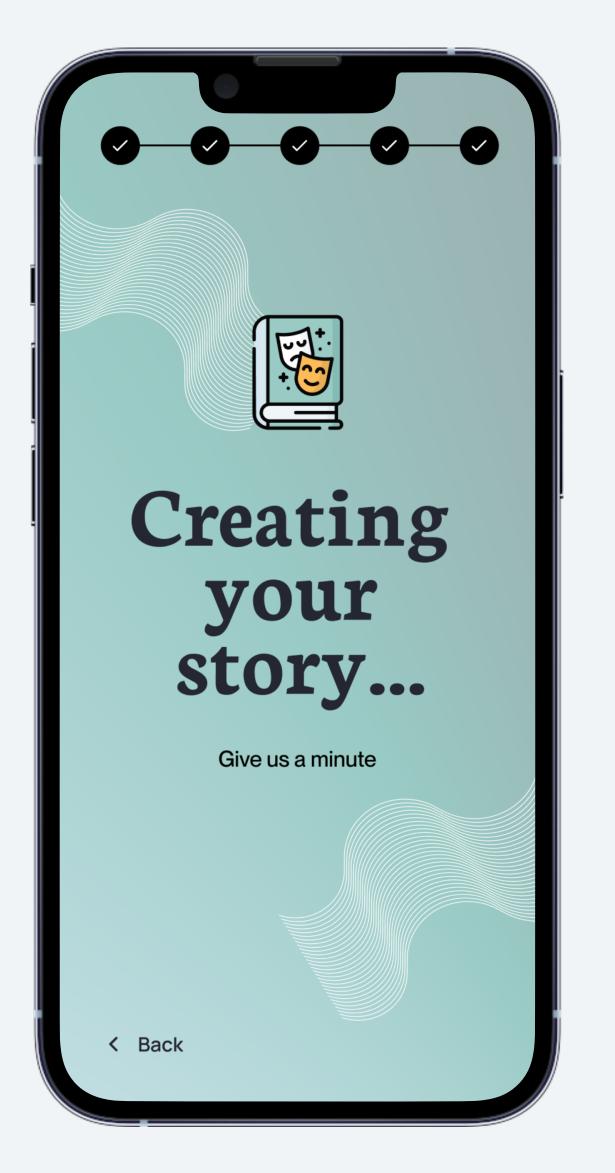


Storytelling made easy Reconnect with your child through stories even while you are away

Easy 5 step onboarding

Create a story using keywords of your choice



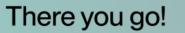


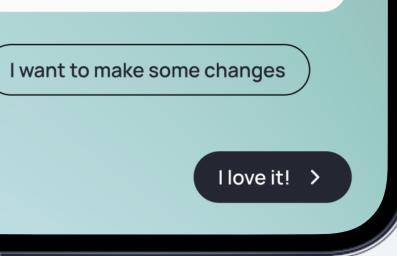
Leveraging AI to simplify your life

The app creates a story based on your chosen keywords Frog loved looking at the stars. He wanted to jump up and touch them.

He climbed a big rock and reached out for them. But they were SO far away

Customize for your child's needs Edit and make changes in the story as per your child's and your preference





"Frog loved looking at the stars. He wanted to jump up and touch them.

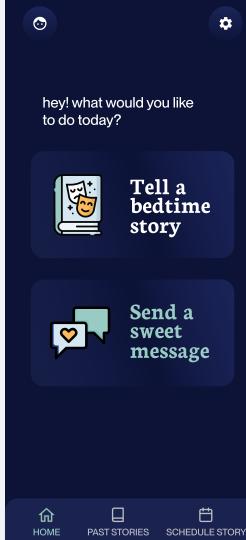
He climbed a big rock and reached nut for thom Rut

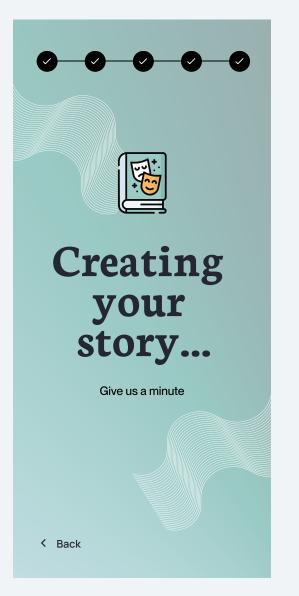
Make your presence count! Ease your child's mind with stories in your own voice.

Deep dive into our digital facing solution



Storytelling has never been this easy



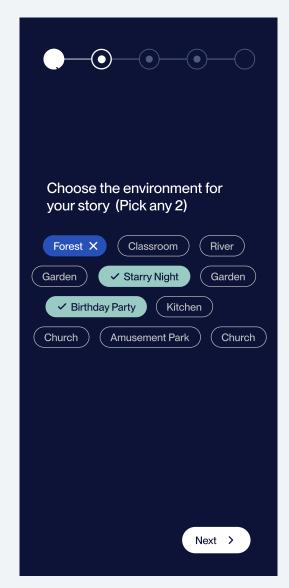


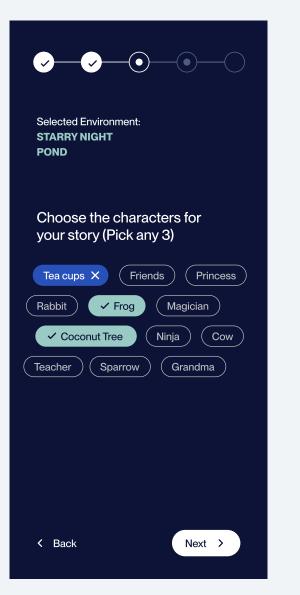
There you go!

Frog loved looking at the stars. He wanted to jump up and touch them.

He climbed a big rock and reached out for them. But they were SO far away

I want to	make some o	changes)
		l love it!	>





\$ - \$ -(> —••						
Environment: STARRY NIGHT POND	Characters: FROG COCONUT TREE ROCK						
Pick a story style							
Love Hap	opiness Princess						
Kindness	ughter Laughter						
Rabbit Magician Magician							
✓ Believe Fa	aith Courage						
Hope	alousy Trust						
< Back	Done						

Frog loved looking at the stars. He wanted to jump up and touch them.

He climbed a big rock and reached out for them. But they were out of his reach.

1 2 3 4 5 6 7 8 9 0 qwertyuiop asdfghjkl

leťs go... who should narrate this to Lucas?

I can do it! (your voice will be recorded)

Can you do it for me? (auto recorded voice)

"Frog loved looking at the stars. He wanted to jump up and touch them.

He climbed a big rock and reached ակկիս առաջությունը կերություն առաջություն

Form Iterations





V 1.0

• Hologram size needs to be expanded • Technical issues; output needs to be on an ipad instead of mobile



V 2.0

- Filpped hologram box
- Form should hold the weight of the ipad
- Mechanism needed to trigger the story on child's end

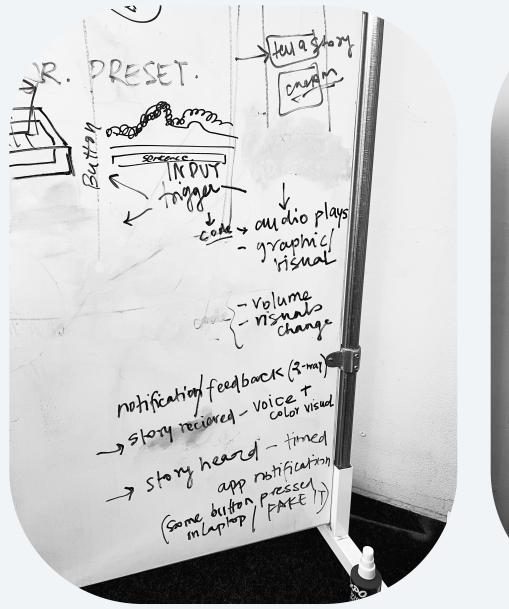


• Jello is a friendly companion

90



Concept Refinement





- Mapping out the features + feedback
- User Conceptual model (Mobile-end) to discover + prioritize tasks within the app

Cittr. Ope. recieve: audio/violeo -> set color/notification > button pressed >play video/andio -> replay or not? + and :...

Obj

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14200	RESOURCES

• User Conceptual model to filter features to keep and discard

• Task flow

Tech | Prototyping



WEEK 1

- Set up a local server on Mac laptop
- Connect two devices, Jellyfish and Phone, through websockets

WEEK 2

- Encrypt the server
- Allow multiple phones connection
- Audio recording on the phone
- from the phone
- Store audio clips under the server directory
- Send audio clip to Jellyfish

WEEK 3

• Send audio clip to the server

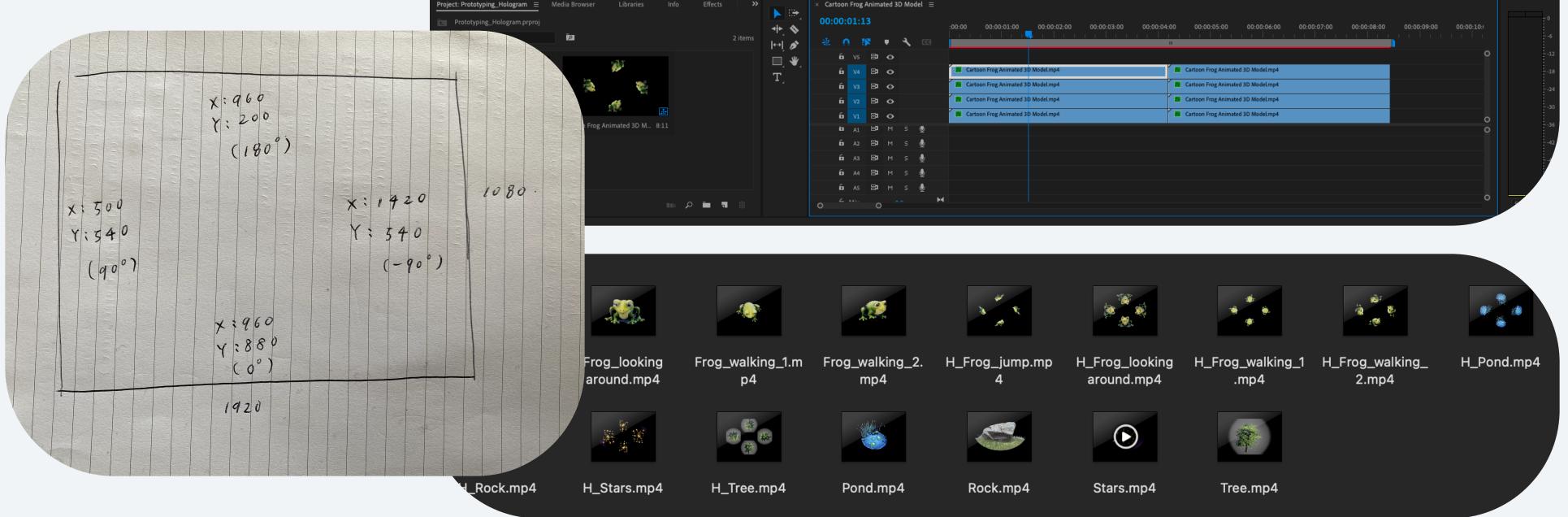
- Phone requests story script from the server
- Jellfish plays video based on the audio clip received
- Redesign the UI layout





Tech | Prototyping

Video exploration and editing for the hologram effect



Effect Controls = Audio Clip Mixer: Ca

Time Remapping

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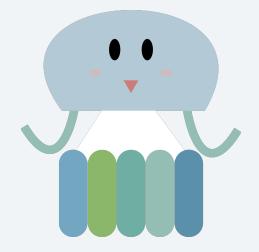
Tools used

Programming

Javascript Jquery recorder.js Node.js express multer

Artifact

Laser Cutting Machine (acrylic) Wood working tools- orbital sander, hand files Hand :D





Digital

Figma Adobe Premier Pro



