

A young child with brown hair is peering over a white ledge in a field of tall grass. The child's eyes are wide and looking towards the camera. The background is a soft-focus field of tall grass. The text 'screenx' is overlaid in the center of the image.

screenx

screenx

Overview:

In early childhood and early education it is important to health screen all students to recongize any issues that will prevent them from learning. These test ran include vision, hearing, language and communication skills, social and emotional development. These test learn about the students and find early on issues that may need a learning specialist.

Challenge:

With all tests ran and conducting them during class hours it can be a long and dreadful process, taking time away from class time. Wanting to save class time and have fun while doing it by creating a digital experience that allows the students to interact with a tablet app that test them on these screening skills.

How Might We:

Create an easy to use app for kids to use

Allow the information for school nurses to use

Engage the children with the app

Run tests to screen the kids for early ed

Make the app digitally responsive

Introduce a fun character to navigate with the kids

Run traditional tests digitally

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Survey Data: Moms with early childhood children via google forms

What types of test have your kids taken while at school?

95% of moms that responded checkmarked communication, visual, hearing, and speech

How often has your child been screened?

93.4% of moms responded with every six months until the age of 8 and some said 9.

3% of moms responded they take their kids to the doctor for screening

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Cardsort:

health	testing	learning	kids
easy to learn	vision	good grades	curious
communication	hearing	ideation	games
social skills	emotions	graduate	fun

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User Persona:



David Sanchez

5 Years Old
Kindergarten
Bowie Elementary
Austin, Texas

Interests

Video Games
Likes playing soccer
Has a dog "Cookie"
Likes to dance

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User Persona:



Daisy Lance

34 Years Old
School Nurse
Bowie Elementary
Austin, Texas

Interests

Kids health
Developmental Science
Early Education Research
PTO officer

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Empathy Map:

Daisy Lance



Says

“I need to start my screenings soon.”
“I need to see what kids to pull from class first.”
“Who is next?”
“Where is that kid’s file?”
“Why is this student failing so many classes?”
“Why is this students attention span so low?”

Does

Looks for files
Open all her drawers to find files
Lines students up for screening test
Conducts test
Pulls out all the machines
Looks for records

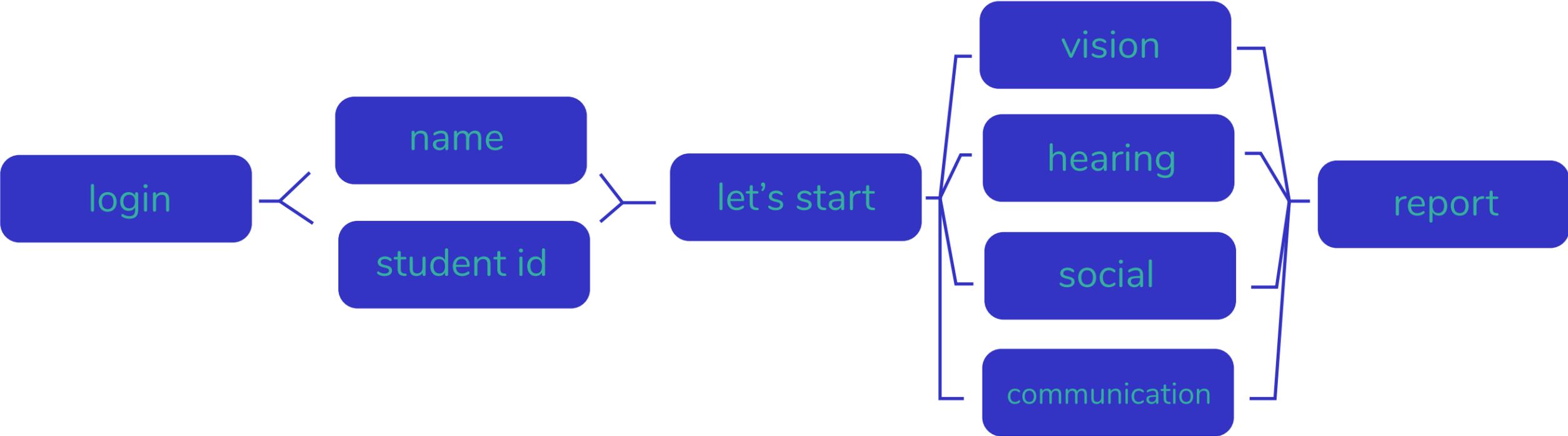
Thinks

She wishes there wasn’t so much paperwork
There was a way to keep all the students together
She wishes she was able to do it digitally
We need more school nurses
It’s too many students for her

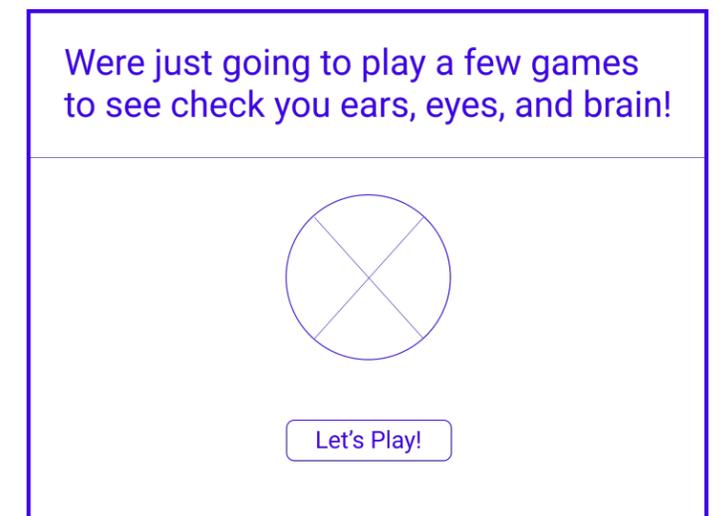
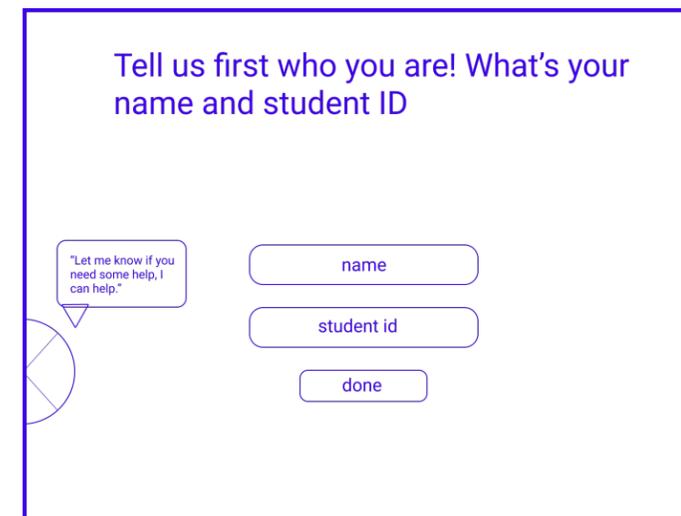
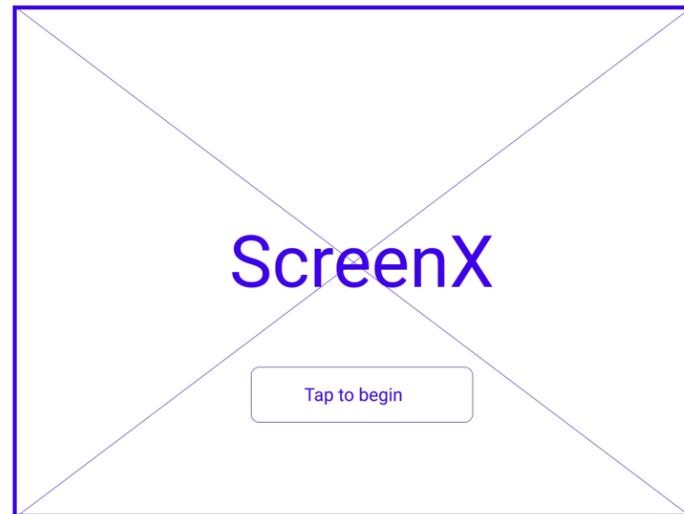
Feels

Nervous
Tired
Busy
Lost
Confused

Userflow:

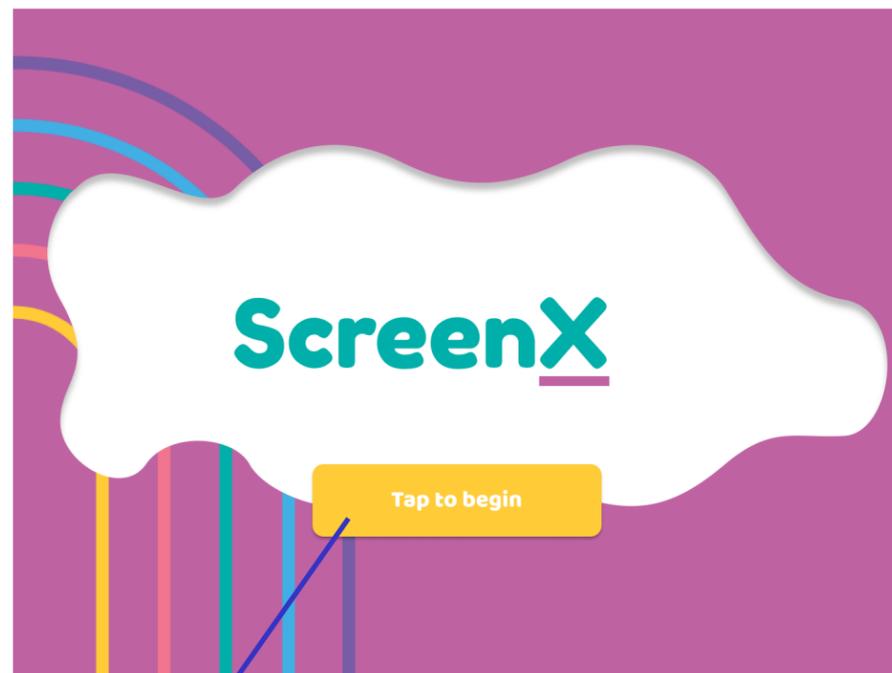


Low Fidelity Prototyping:

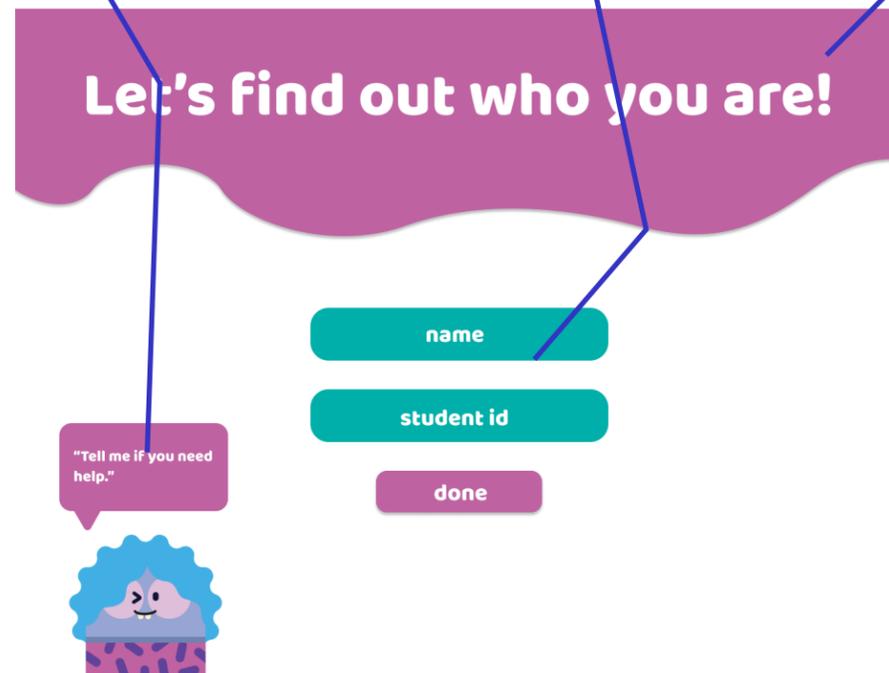


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1st iteration testing:



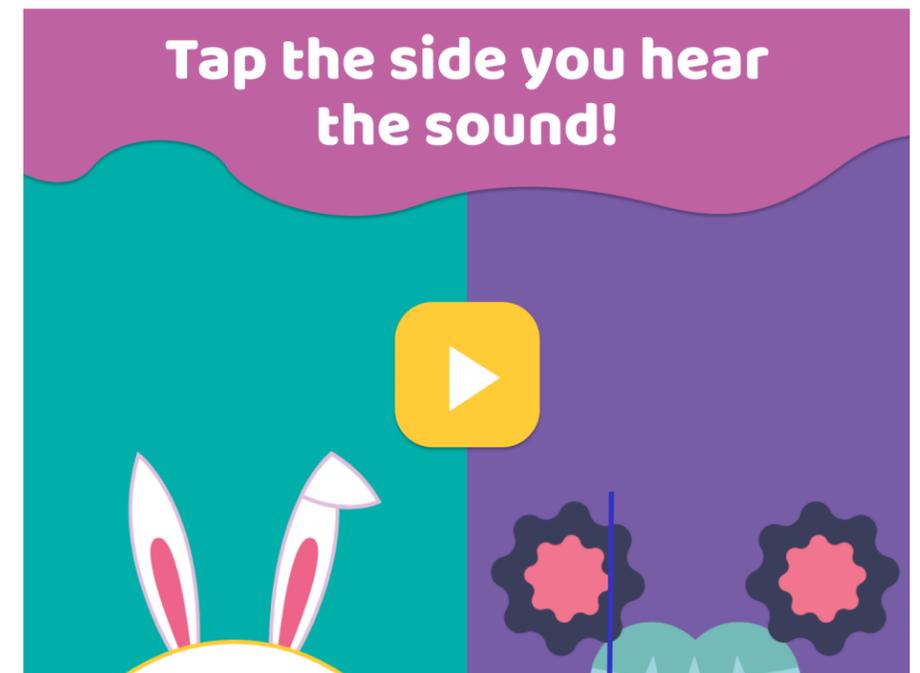
"The color selection with the white type is hard to read contrast"



"The verbage on this area is confusing"

"This looks more like a button rather a form."

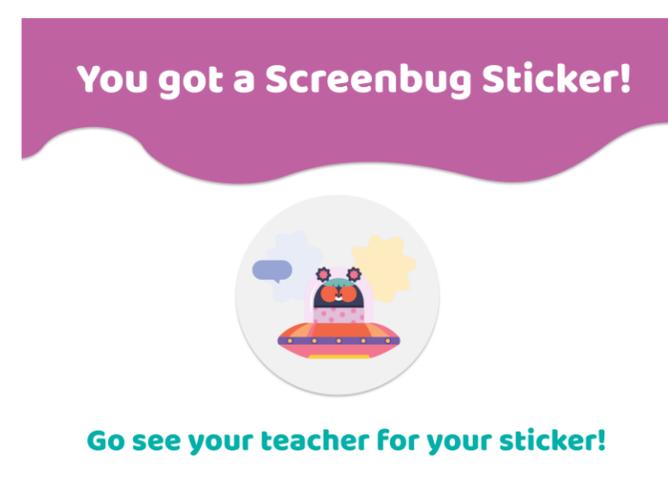
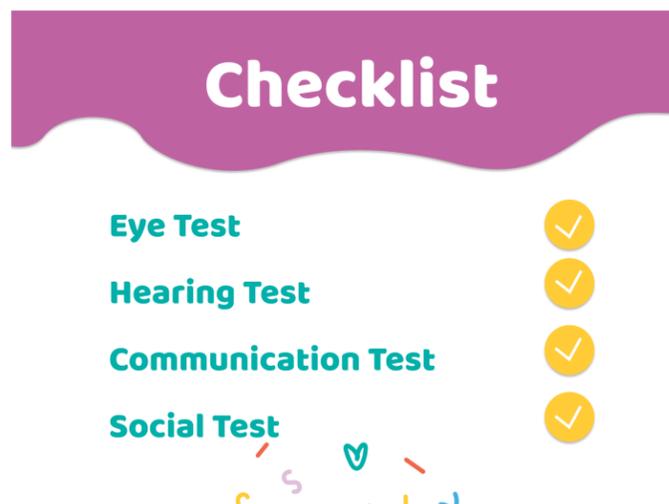
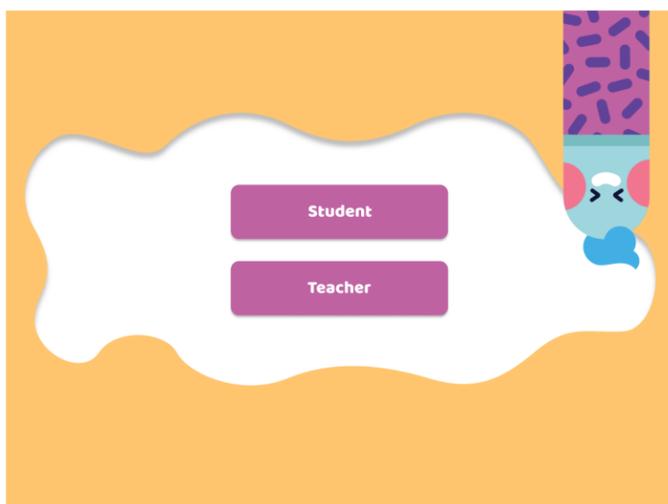
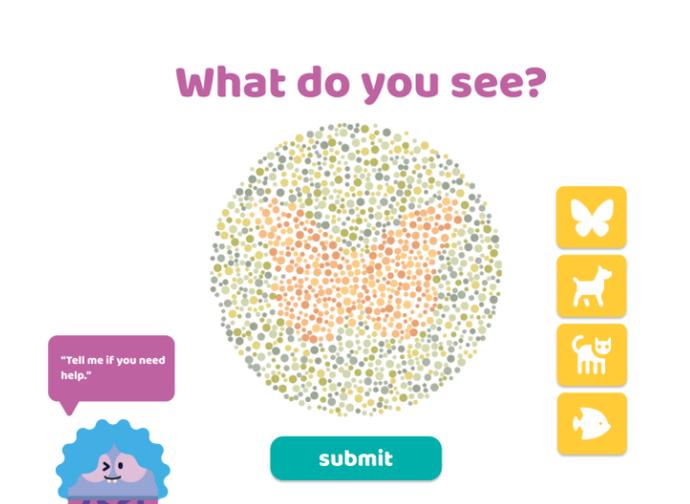
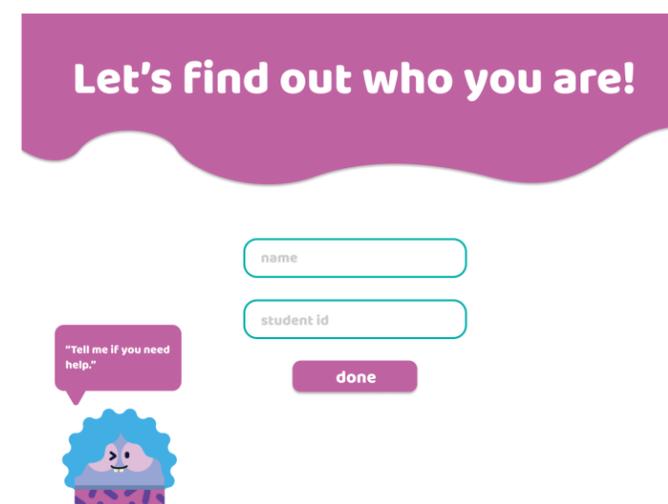
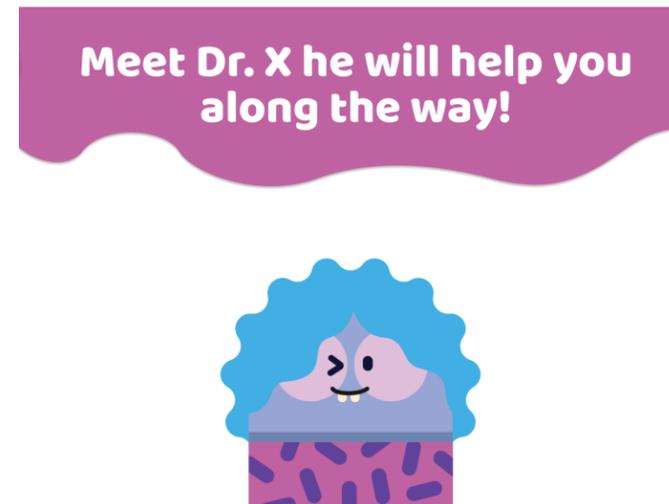
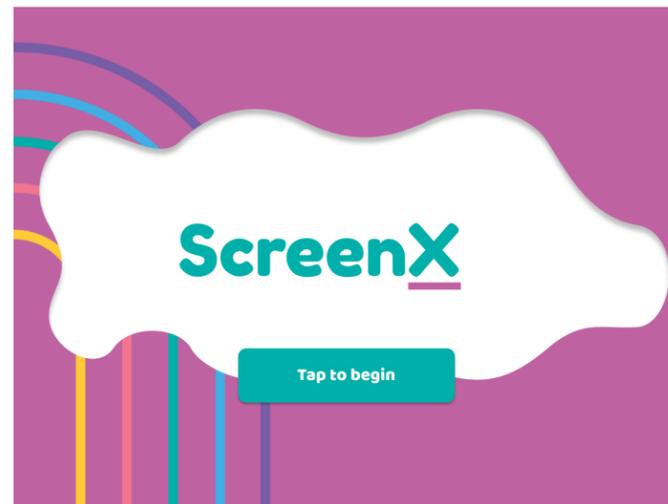
"This element can get distracting on screening pages"



"The character should pop up when selected to show selection."

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Final Output:



Mrs. Garza

	Age	Eyes	Ears	Cognition	Report
Aguilar, Anna	6	✓	X	X	View Report
Adams, Sarah	7	X	✓	X	View Report
Anda, Fera	7	✓	✓	✓	View Report
Ash, Toby	6	✓	✓	✓	View Report
Benny, Sam	7	✓	✓	✓	View Report
Bexar, Laine	7	✓	✓	✓	View Report
Bends, Alex	7	✓	✓	✓	View Report

Design System & Style Guide:

Giant Title

Big Title

Medium Title

Small Title

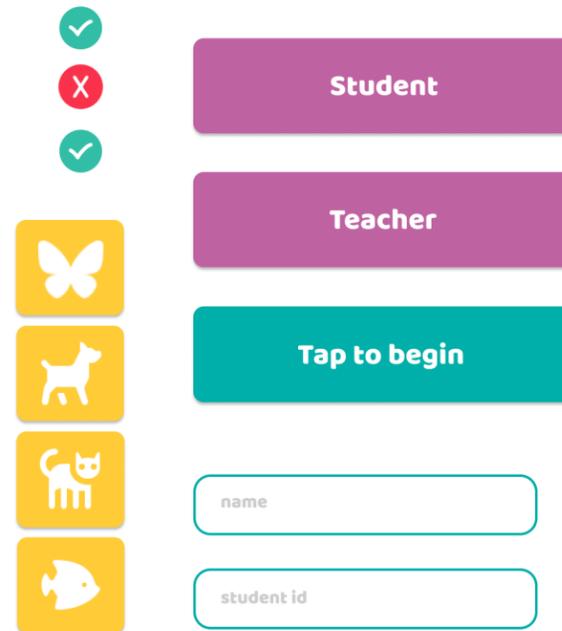
Tiny Title

Giant Text

Big Text

Medium Text

Small Text



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Reward System and Rewards:

You got a Screenbug Sticker!

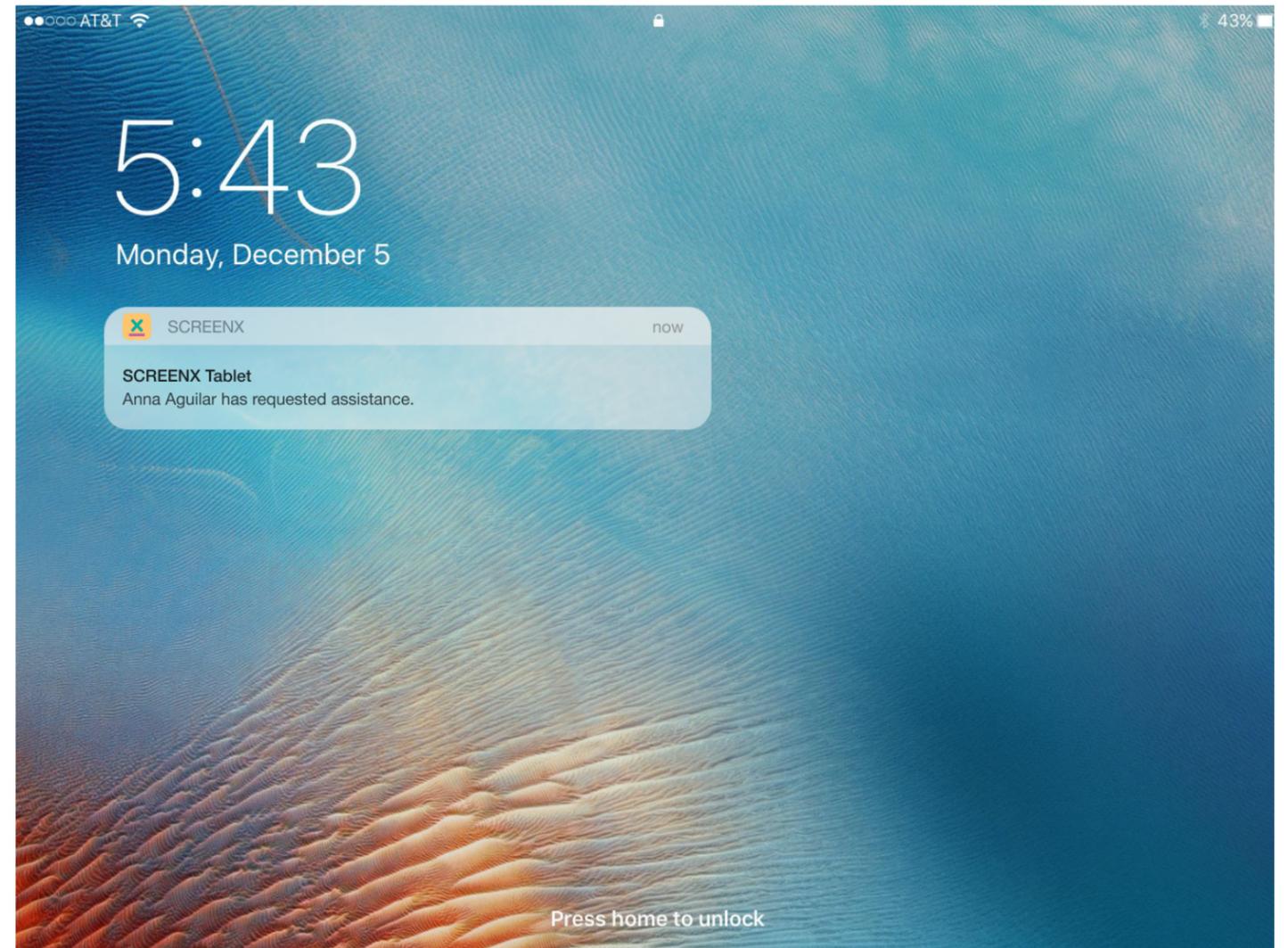


Go see your teacher for your sticker!



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Help Action:



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