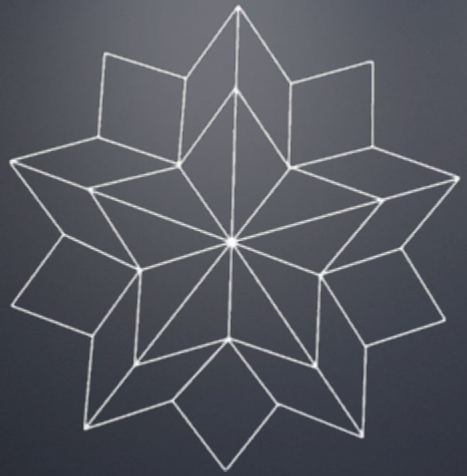


spark

Streamlining Student Growth
Tracking For Teachers

Team

Bronson D.

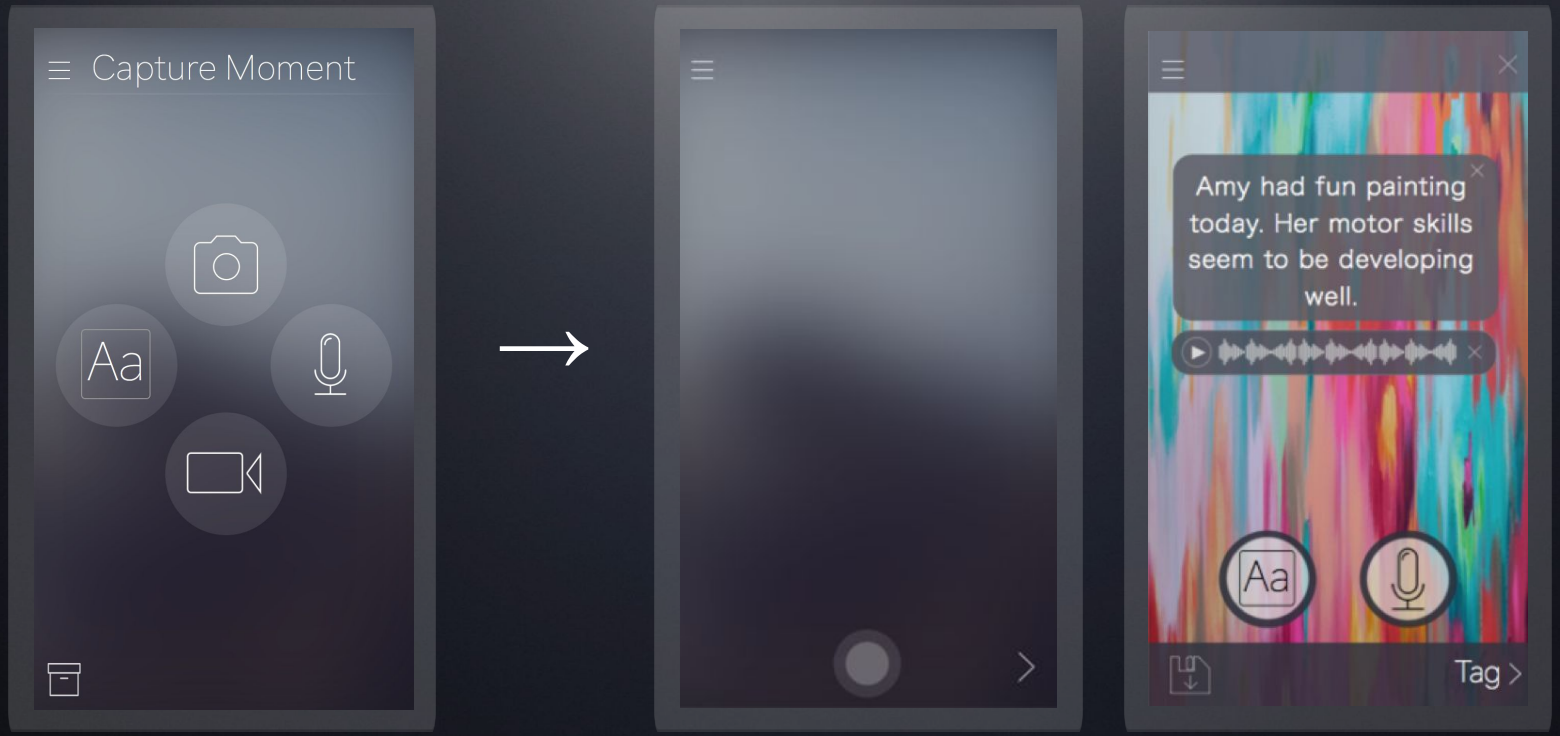
Nathan E.

Kevin K.

Lucas T.

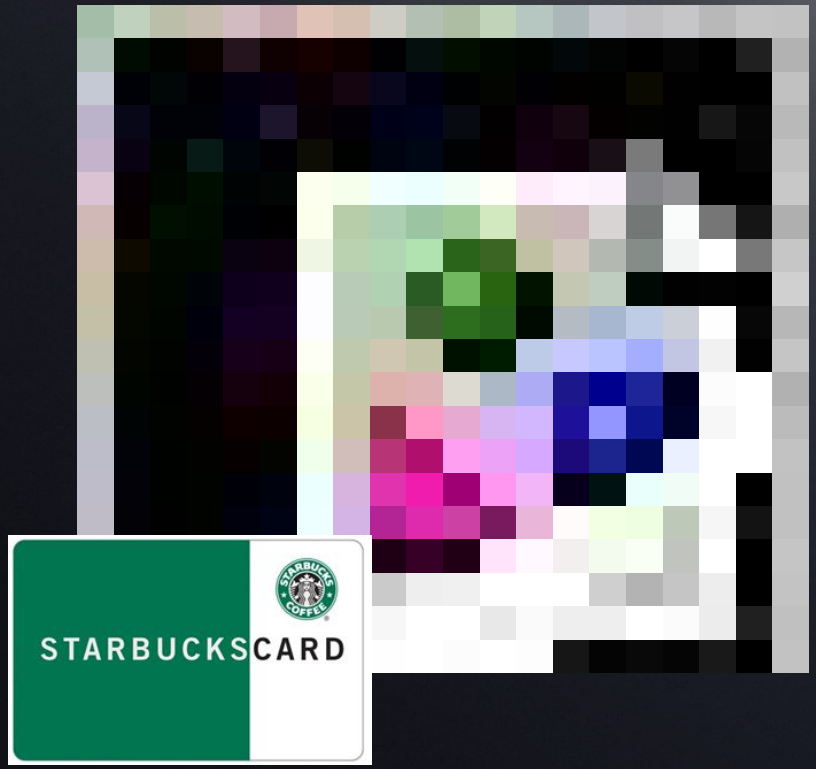
Prototype Changes

New Capture Flow



Method

Participants



Anna (early 20s)

Adrienne (late 50s)

-- Prototype Changes --

Bryn (early 20s)

Mary-Peck (late 50s)

Ethan (mid 30s)

Apparatus

iPhone 6 Plus running our Marvel prototype with lookback.io + iPhone 6s recording the interview.

All 5 study tests were held at the **Bing Nursery**, two on Friday, and three yesterday.

Procedure

1. Introduce Spark and Consent Form
2. Describe each task, and ask for completion
3. Take notes on their mistakes
4. Ask participant for general thoughts.

Test Measures

Test Measures

Self-reported confusion

Number of observed mistakes in task completion (lookback.io)

Time of task completion (lookback.io)

Severity of errors

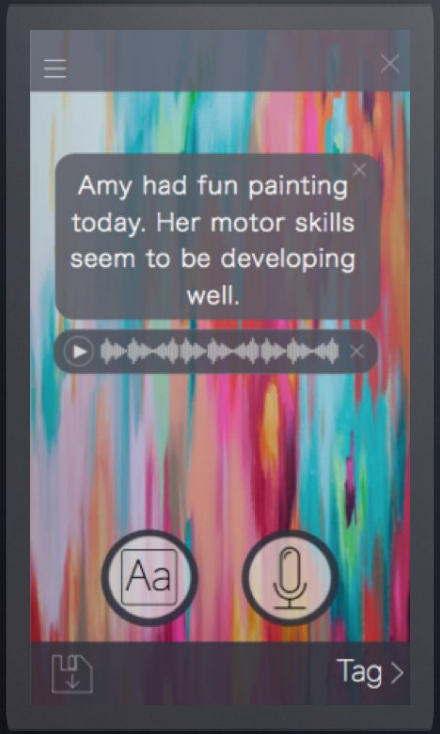
Task 1:

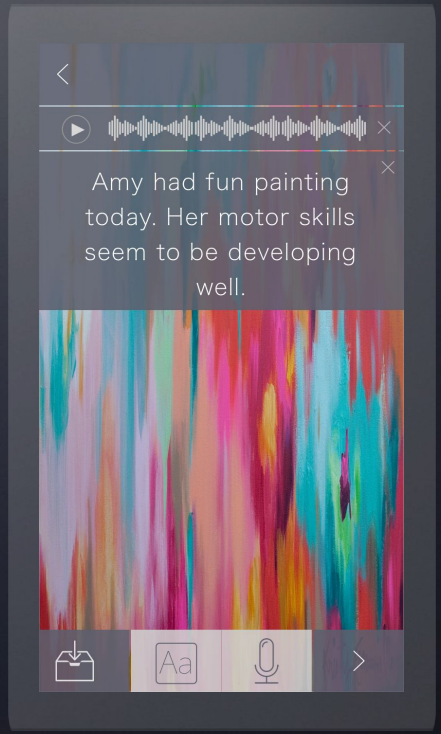
Capture and Store a Moment

Looking for:

Press & hold to record audio.

Result: Hold-to-record Confusion





Switched to toggle

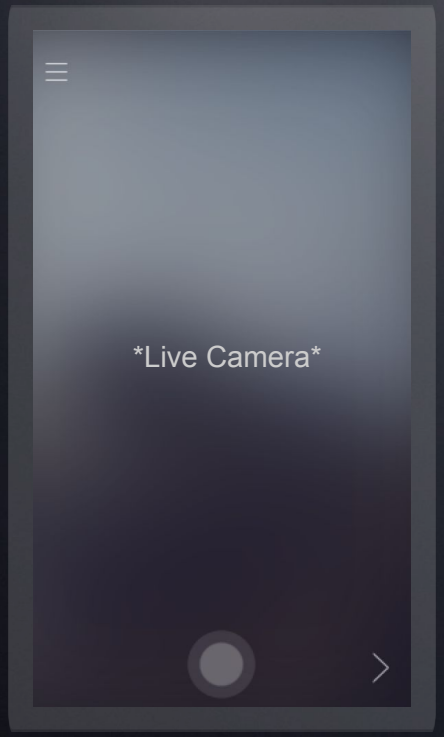
Task 2:

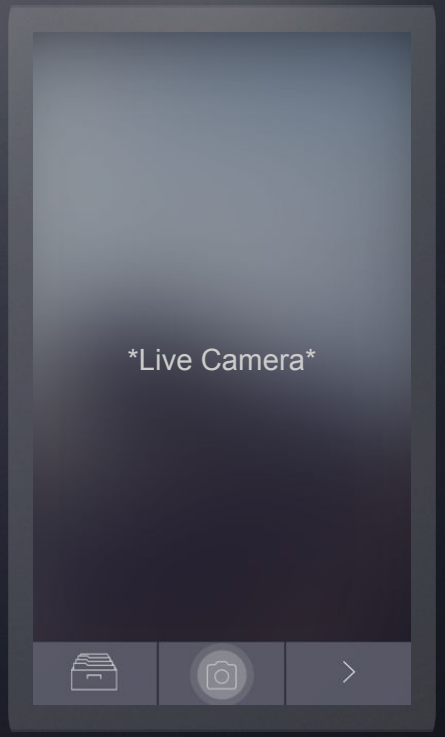
View and Sort Moments in a Child’s Developmental History

Looking for:

Use of the “Archive” button in side navigation

Result: Accessing Archive Confusion





Removed Side Navigation

Task 3:

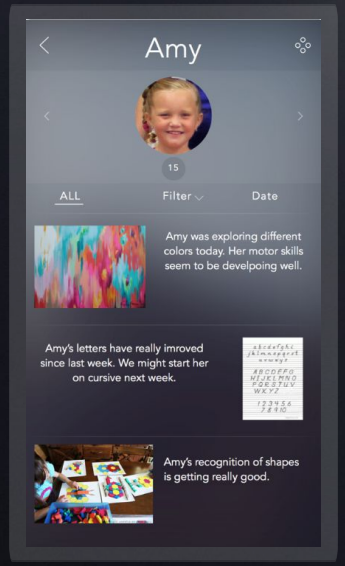
Share a Moment with a Child’s Parents

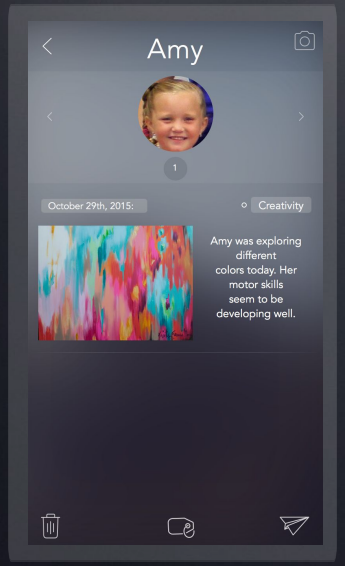
Looking for:

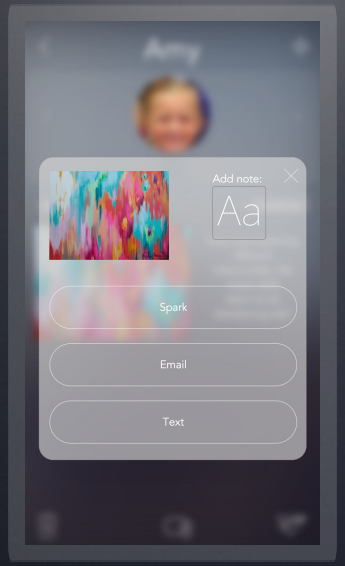
Navigation to Archive

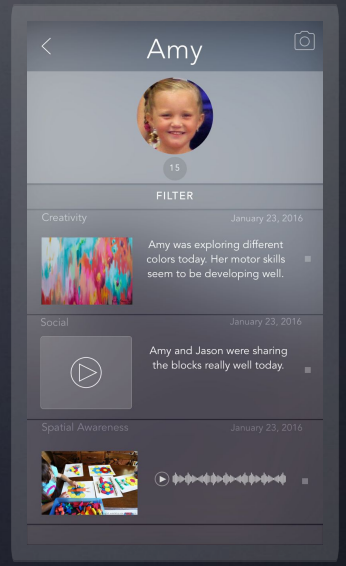
Understanding “Send” button

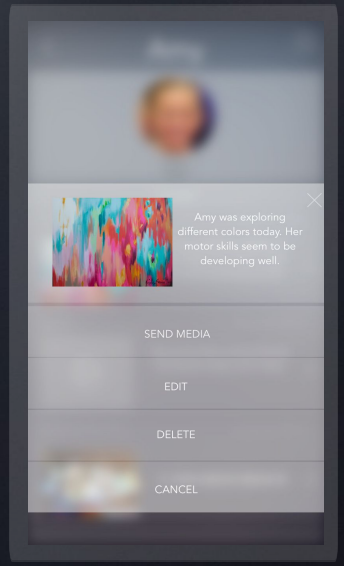
Result: Sharing Moments Confusion









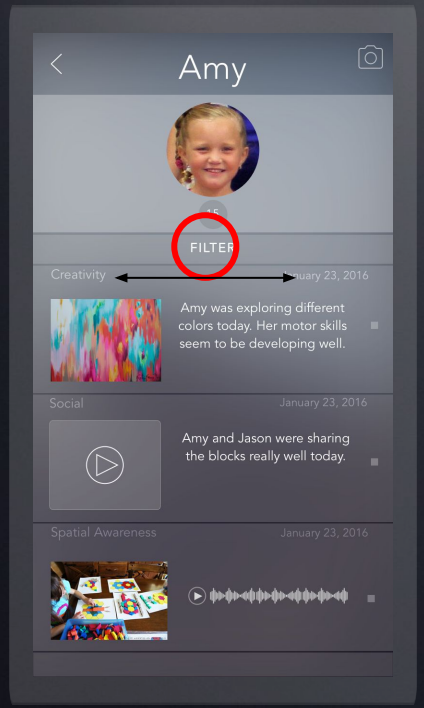


Three steps

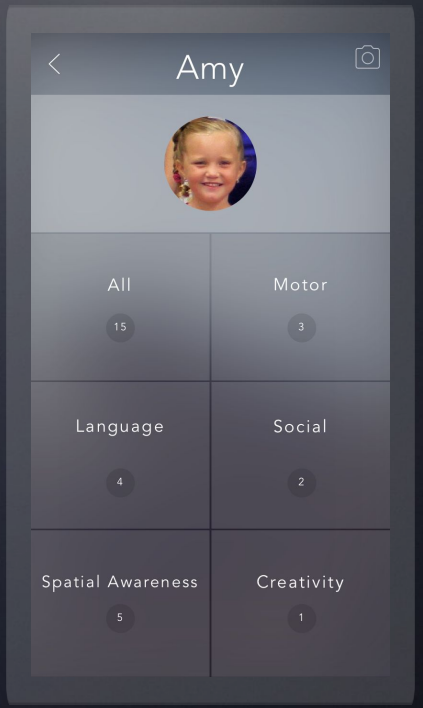
Two steps

Discussion

Filtering Moments



→?



Button or Header?

Date & Tag Location

Proposed Change (rough)

Future Work

Further diversify test sample

Ask for more specific tasks

Different ways to filter moments

Desktop Interface for teachers

Voice to text data input

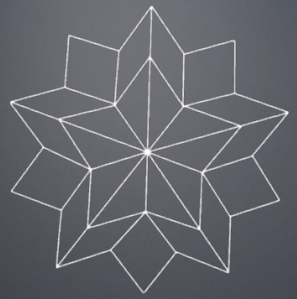
Summary

Observed 5 teachers and learned...

Toggle recording > hold-to-record. (task 1)

Side navigation not helpful. (task 2)

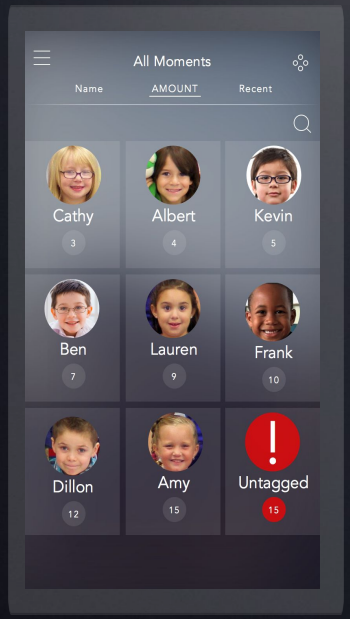
Sharing moments should be fewer steps (task 3)



Thank You!

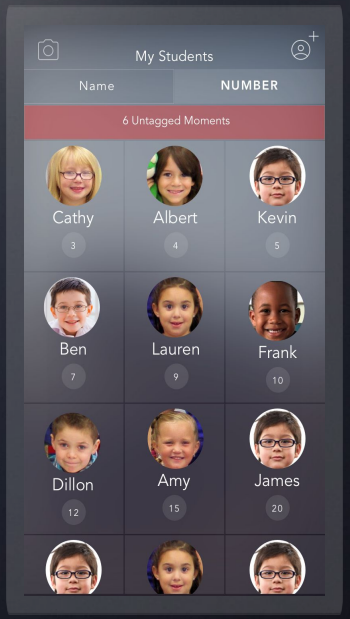
Confusion: Archive Sorting

Original



Friday

Monday



Screen Real Estate

Add Student Icon