Baby Words Tracker

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Github Repo
Project Website

Project Overview

- Baby Words Tracker is a mobile app that allows parents to track their child's speech through text, audio, and video.
- Simple data visualizations are available to parents, and all data input into the app is available to the LECS.

Sprint 1 Goal

Have a minimum viable product that allows a parent to sign in, input text, and see basic visualizations from data.

Major Accomplishments

Database

Firestore database with full CRUD functionality

Stats

Stats page displays accurate words per day graph

Text Input

Allow parents to input text and update database with new words

Authentication

Users can sign in using their account information or their gmail account

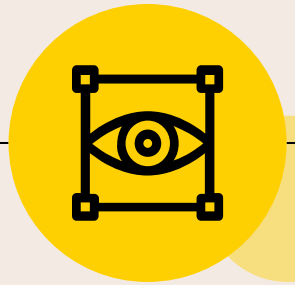
Sprint and Project Backlog

ID	Story	Estimated Hours	Priority (1-5)	Status	Sprint When Finished
1	Create base flutter app	2	5	Completed	1
2	Design and setup database using firestore	4	5	Completed	1
3	CRUD functionality from database into app	10	4	Completed	1
4	Create basic UI design	4	5	Completed	1
5	Page for basic data visualizations (new words/day, ect.)	10	4	Completed	1
6	Basic authentication using firebase authenticator	15	4	Completed	1
7	Page to add words to a child	10	4	Completed	1
8	Create spell check functionality	2	1	Completed	1
9	Add home page to app	3	2	Completed	1
10	Connect authentication to database	5	5	Not Started	
11	Setup Google Cloud Storage	2	4	Not Started	
12	Allow video upload/storage	10	5	Not Started	
13	Page for video streaming	20	4	Not Started	
14	Researcher home page	7	4	Not Started	
15	Admin service for authentication	5	3	Not Started	
16	Add feature to switch between children	5	2	Not Started	
17	Add feature to add existing child to new parent	5	2	Not Started	
18	Multilingual Features	5	3	Not Started	
19	Research for word parsing AI	15	1	Not Started	
20	Implement word parsing AI	20	1	Not Started	

Sprint Retrospective

Cloie

Project website, database design and integration, spell check, and database security

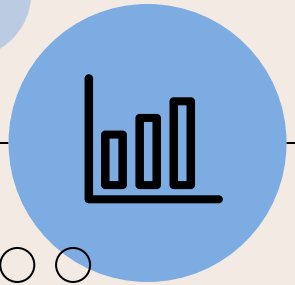


Marcelo

Firebase and flutter setup, database integration, and authentication

Gwynevere

UI design, add words page, home page, and navigation

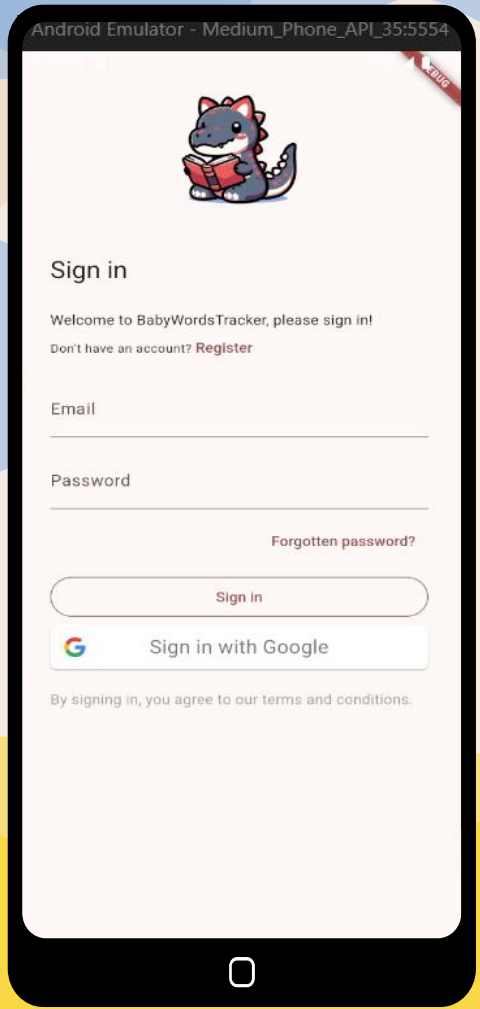


Robert

Stats page, updates via listeners, and mid-end functionalities

“I have been impressed by the team’s attention to detail, not only in the product you’re working on, but also across our regular meetings about the most minute considerations for that product. It’s been delightful to see you collaborate and take ownership of the app, each applying skills related to your respective strengths and always supporting one another.”

—Dr. Hsin, BWT Sponsor


Android Emulator - Medium_Phone_API_35:5554
DEBUG
Sign in
Welcome to BabyWordsTracker, please sign in!
Don't have an account? Register
Email
Password
Forgotten password?
Sign in
Sign in with Google
By signing in, you agree to our terms and conditions.

Demo!

Thank you!

Does anyone have any questions?

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