



A Playdate Platform for Parents to Explore Activities

- Making it simple for parents to find great playdate opportunities for their children.
- Making it easier for kids to socialize and for families to enjoy time together.

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The Need for Family-Friendly Community

In today's fast-paced world, where **work-life balance is often a challenge**, parents are increasingly seeking ways to enrich their children's lives through social interaction and engaging activities.

Even though parents want their children to socialize, **planning successful playdates can be harder** than it seems.

To solve these problems, this project aims to create a platform called **Minimates**, which simplifies the process of planning playdates.



minimates

Highlighted Features



Explore Activities

Parents can easily discover different kind of activities and events in their area.



Chatting

Minimates allows parents to chat with the other authors to know more about the activities.



Gemini AI recommendations

Minimates can generate activities list based on the user preferences which can be selected in the preference section, integrating Gemini to give parents playdate recommendations.

Technologies

FrontEnd

Flutter



BackEnd

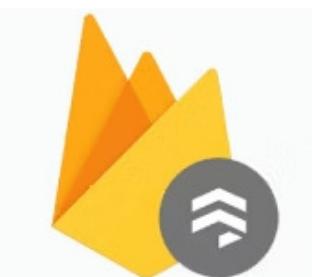
Firebase



Firebase

DataBase

Firebase



Firebase Firestore

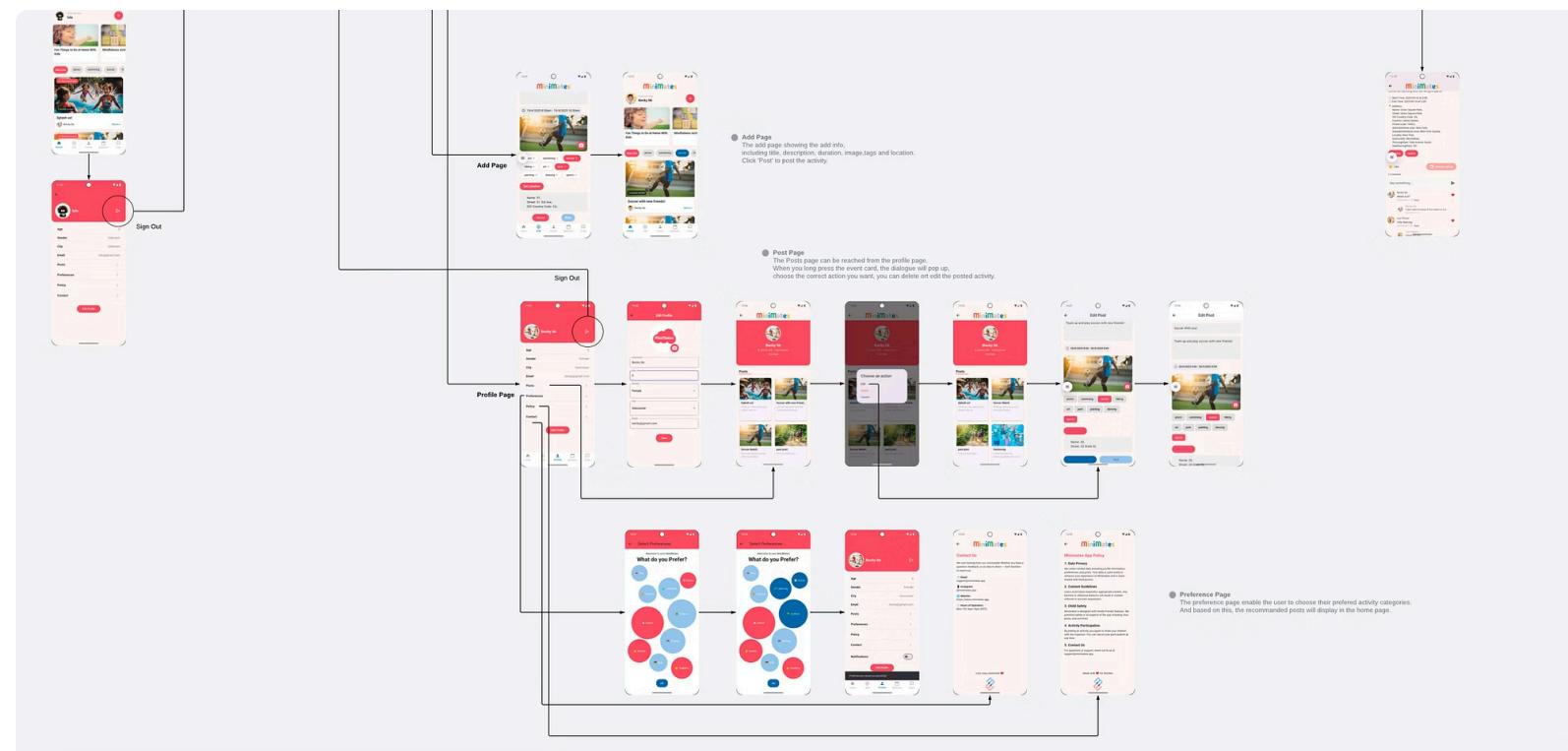
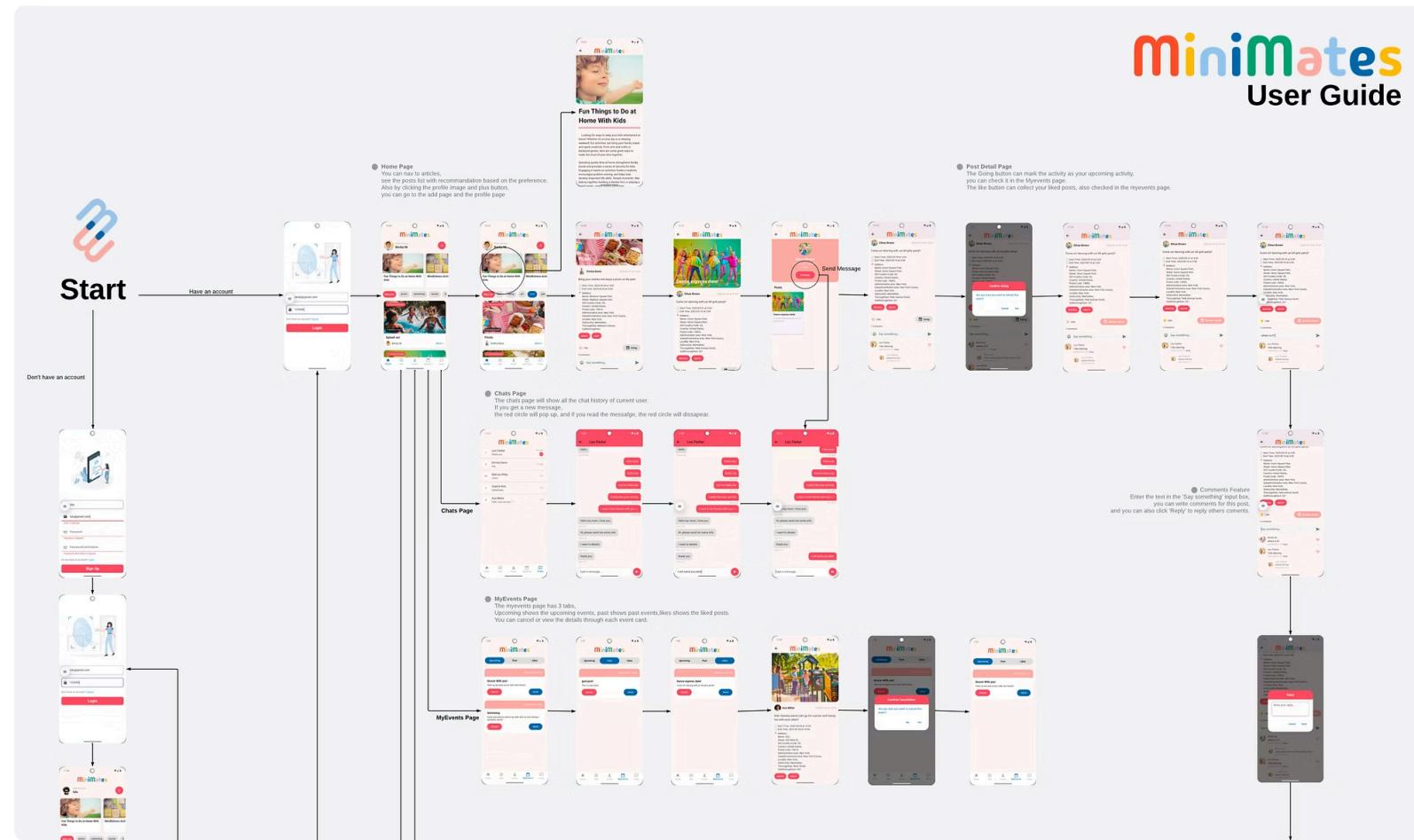
Changes to proposal



Original	Final	Reason
Kids Matching Feature	No kids matching	Privacy concerns
Text-based locations	Switched to using geolocation (lat/lng) and Google Maps	Improves accuracy and context
No comment section	Added threaded replies and likes on comments	Better social interaction
No chatting	Added chatting feature	Better connection
Data analysis	No analysis and Integrated Gemini AI to enhance suggestions	The hardness of preparing the data, and do the data analysis

User Guide

minimates



This app includes five main sections, they are home page, add page, myevents page, profile page and chats page.

The user guide will guide the user explore the minimates step by step.



Evaluation Techniques

User Interview

Collected quick feedback via direct interaction

Adjusted:

- Trigger Gemini on app start
- Improved add post validation

Existing Benchmarks

Meetup and REDnote

Adjusted:

- Add chatting
- Add comments

Questionnaire using google form

4 people

To be Adjusted:

- Add an activity map



Reflection and Discussion

Challenges

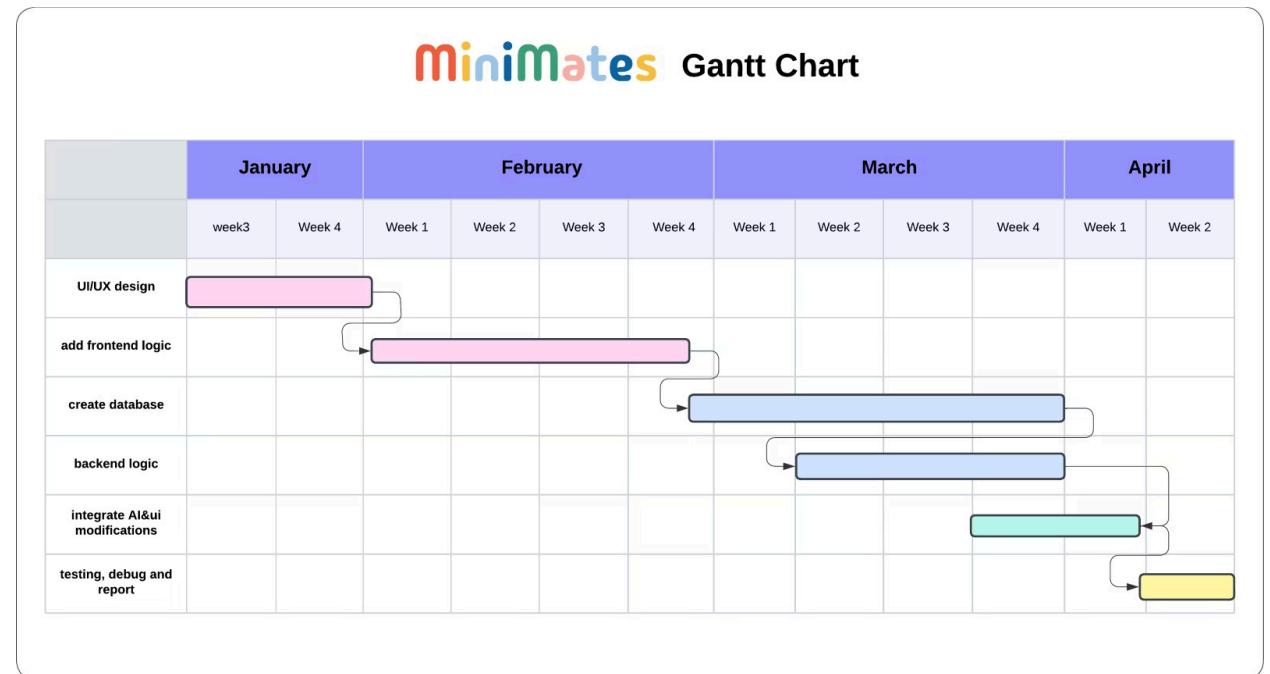
- Real-time updates causing widget rebuild issues
- State management for updating.
- Workflow and user flow adjustments

Lessons Learned

- Real-Time Features Are Powerful but Tricky
- Time Management is Key



Project Timeline



References

Ai tools

- ChatGPT for the Ui adjustment, part of the coding, debugging and reports.

<https://www.tinytiestogether.com/?srsltid=AfmBOopHHFh44O7fvsY-NvQpw8PlkgaN391b08W6u6sUNia3dTrGj6zO>

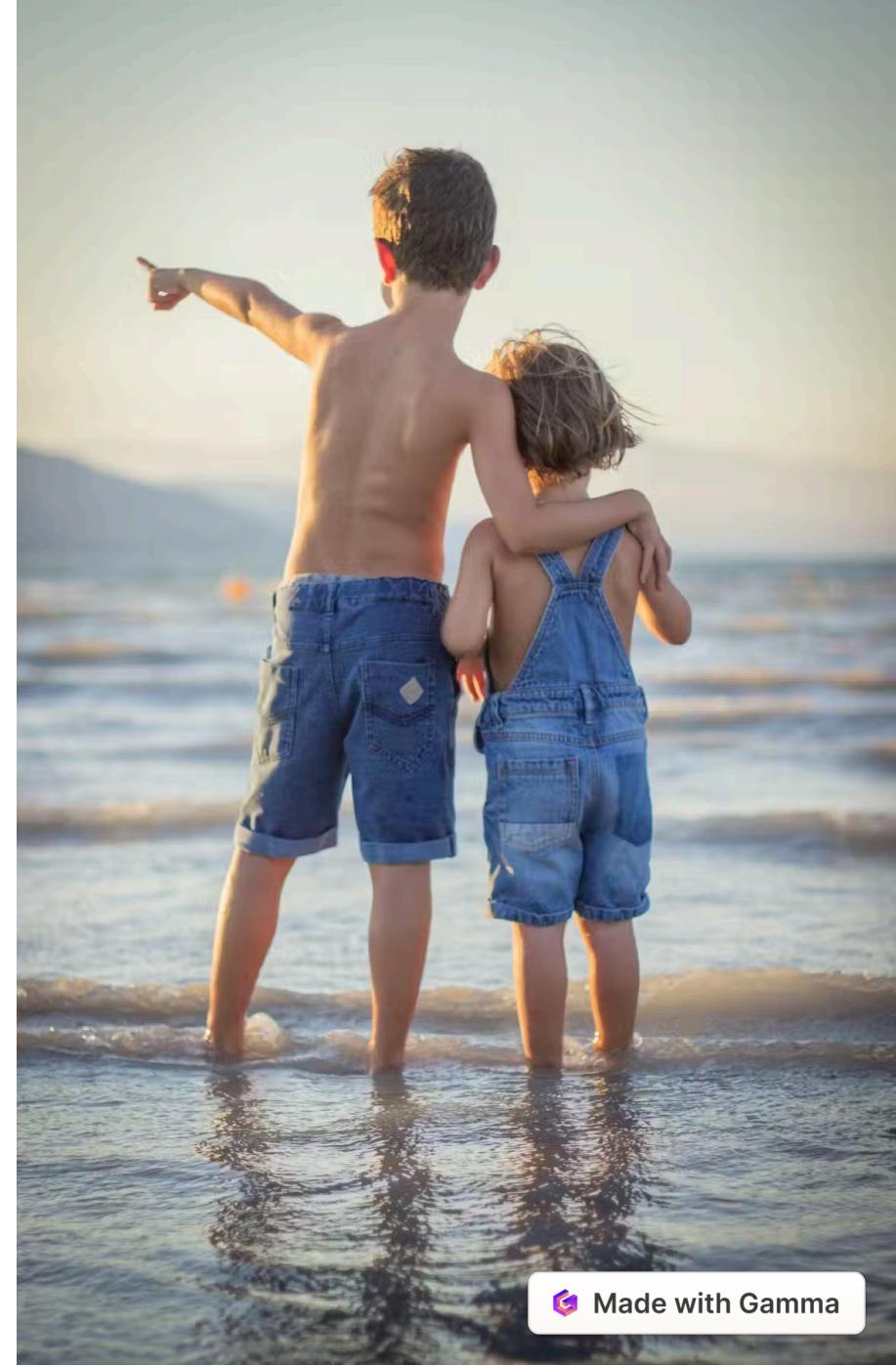
<https://www.myplaydateapp.com/>

<https://www.golfburnaby.ca/search/results?keys=kids>

<https://www.youtube.com/watch?v=6af6qgziYfo&list=PLtIU0BH0pkKpitsp5jzt-yDAoXAFBkcPb&index=15>

<https://www.xiaohongshu.com/explore>

<https://www.meetup.com/>





Thank you

Minimates has the potential to create a stronger sense of community, foster meaningful connections, and enrich the lives of families. By advanced technology and building a supportive environment, it can empower parents and inspire a more connected and enjoyable family life.

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