



BrainBuddy - Smart Scheduling for ADHD Users

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(S)

5 tasks

Cleaning

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Cleaning

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Problem Definition

Adults with ADHD often struggle with:

- Task organization
- Time management
- Maintaining focus

BrainBuddy provides a solution through:

- Dynamic, science-backed algorithms
- A clean and supportive interface

Key Features

- Personalized schedule generation with 3 daily options
- · Task scoring algorithm based on urgency, difficulty, and deadline
- Focus Mode with countdown timer and productivity tips
- Firebase-backed real-time sync and notifications
- Intuitive interface designed for ADHD cognitive flow

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BrainBuddy

Clean my room

Meal prep

No deadline

(L) 80 min

Tend to teeth

Clean fridge

No deadline

(L) 15 min

Organize Calender and goals

FOCUS SESSION

Task 1 of 3

0% complete

No deadline

(L) 5 min

Tuesday, 24 June

No Deadline

Today's Progress

Our Approach

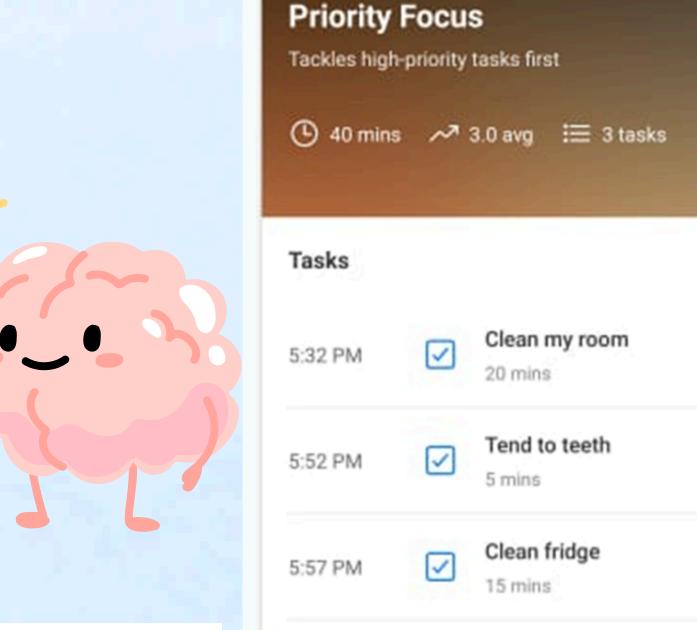
We designed an adaptive scheduler with intelligent task prioritization:

Task Scoring Algorithm:

- **Urgency** 45%
- Difficulty 35%
- Deadline 20%

Schedule Generator:

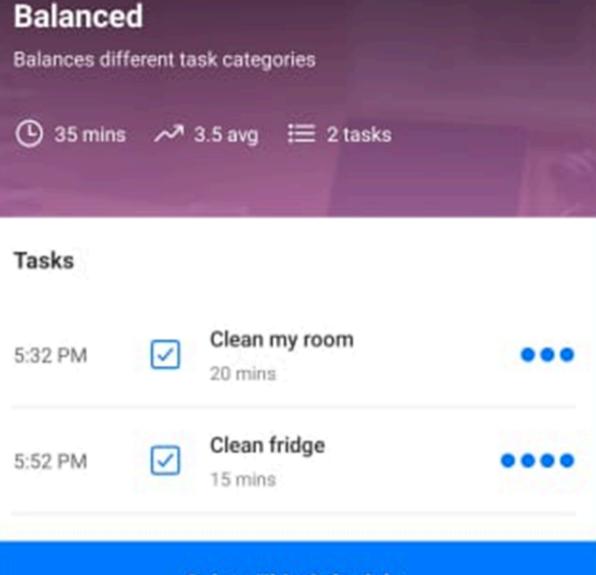
Offers 3 balanced task plans to choose from



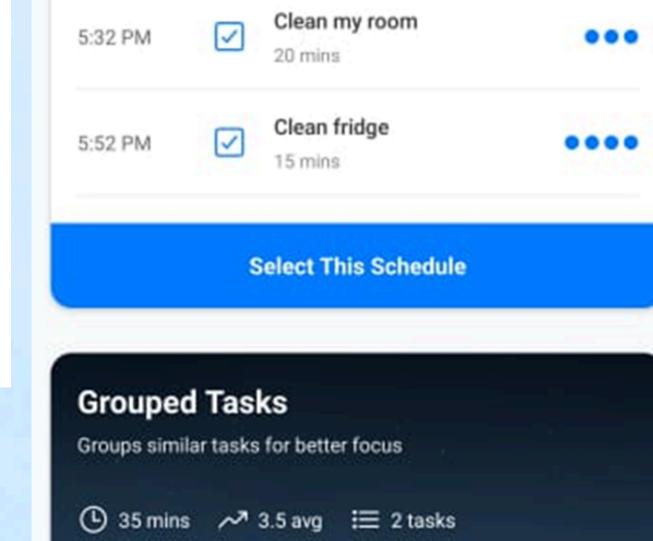
Daily Schedule Options

Choose a schedule that works best for you. Each option

organizes your tasks differently starting from now.



Select This Schedule

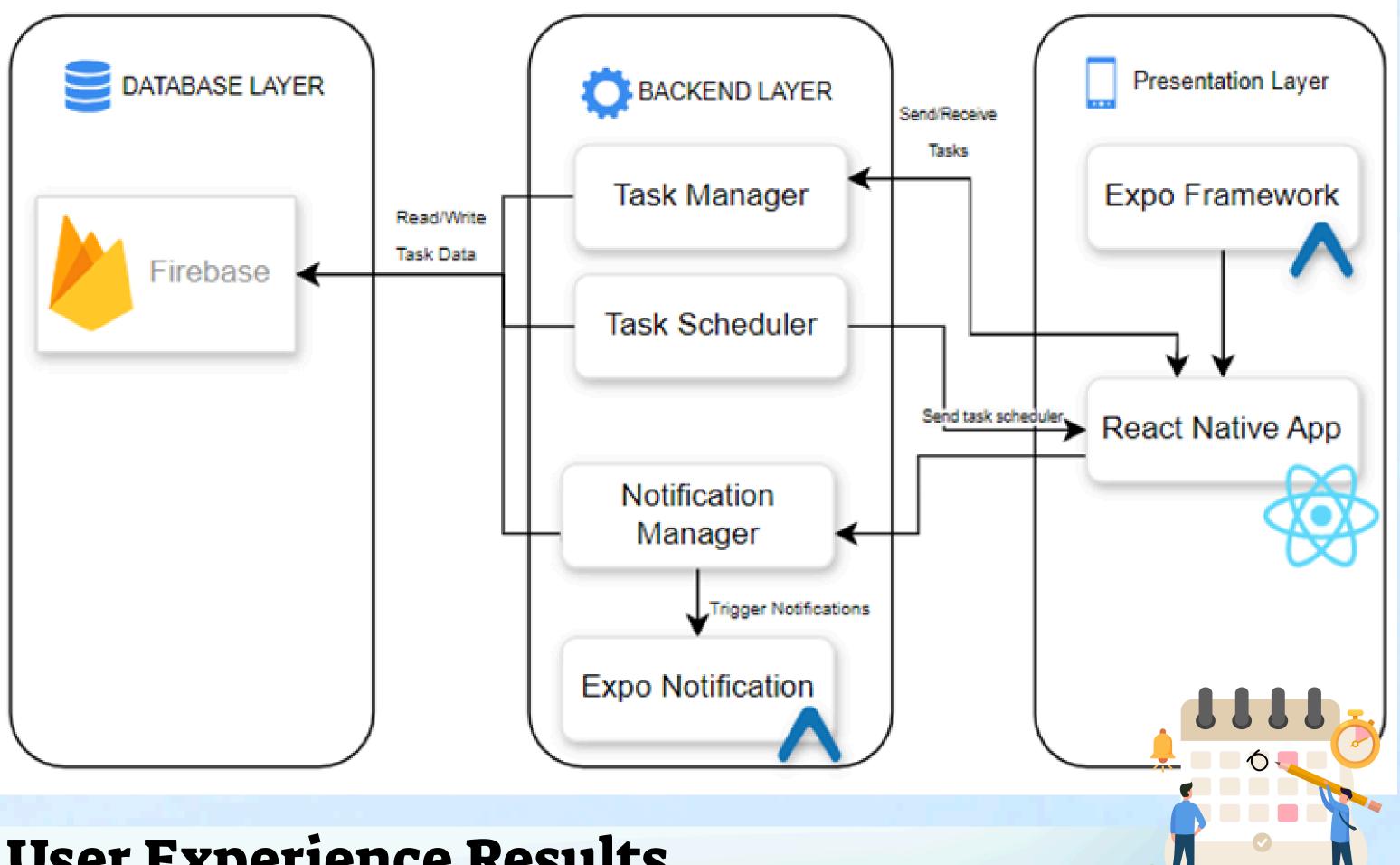


5:32 PM	V	Clean my room 20 mins	•••
5:52 PM	✓	Clean fridge 15 mins	••••
	5	Select This Schedule	

Not seeing what you need? You can always add more tasks to

Clean my room 19:59 Mark Complete

Project Architecture





We tested BrainBuddy with 6 participants, and the feedback was highly positive:

- Over 80% found the app intuitive and easy to use
- 85% felt the schedules helped them stay organized
- Most users found the notifications and focus timer helpful
- 70% said they would keep using the app