Catching Butterflies

Problem:

We all misplace our keys or run late sometimes. But students often forget to do homework, lose focus, and struggle with simple finishing tasks. This app reduces the friction of starting tasks you don't want to do by turning it into a game. Instead of struggling to decide what to do next, you catch a butterfly that chooses for you.

Our main user is a college student or young professional (ages 18-30) with ADHD.

Meet Alex: *"I'm a college junior, and some days my brain fog makes it impossible to choose a task. I sit down to study economics, but my mind races: I need to do laundry, email my professor, clean my room, and I forgot breakfast again. It's not that I don't want to study, it's that picking just one thing feels impossible. I end up doing nothing, feeling guilty, and falling behind. I even tried preparing my clothes the night before, but on foggy days, I can't make myself do that either."*

Solution:

Type in your to-do list, then catch butterflies carrying your tasks! Each butterfly represents one task. You can:

- Catch a butterfly whenever you finish a task
- Create custom lists (outfit choices, workout routines, weekly meal plans)
- Assign weights to butterflies based on task size & catch a big butterfly to tackle a big task, letting the game decide for you

Why it works: ADHD brains often have lower dopamine levels. Catching Butterflies provides immediate rewards through points and butterfly customization, giving users the quick positive feedback they need to stay motivated.

User Stories:

1. As a user, I want to focus on one task at a time
2. As a user, I want to be able to create a list of tasks
3. As a user, I want to be able to add tasks
4. As a user, I want to be able to modify tasks

5. As a user, I want to be able to remove tasks
6. As a user, I want to be able to catch butterflies that represent tasks
7. As a user, I want to organize and prioritize my tasks
8. As a user, I want to be able to earn points for catching butterflies
9. As a user, I want to be able to customize my butterfly
10. As a user, I want to be able to set a time/date for my tasks
11. As a user, I want to see my completed tasks
12. As a user, I want to be able to set timed reminders

MVP User Stories:

1. As a user, I want to create and manage tasks
2. As a user, I want to catch butterflies that represent tasks
3. As a user, I want to view my tasks
4. As a user, I want to assign a weight to butterflies that correlates to the size of the task
5. As a user, I want to be able to manage task size and priority
6. As a user, I want to gain points when I complete a task
7. As a user, I want to spend points in a shop to customize my experience within the app (e.g., purchase new habitats, butterfly patterns, or accessories like hats for butterflies)
8. As a user, I want to be able to manage the amount of time a task requires to be completed (e.g. timed tasks to capture a butterfly)

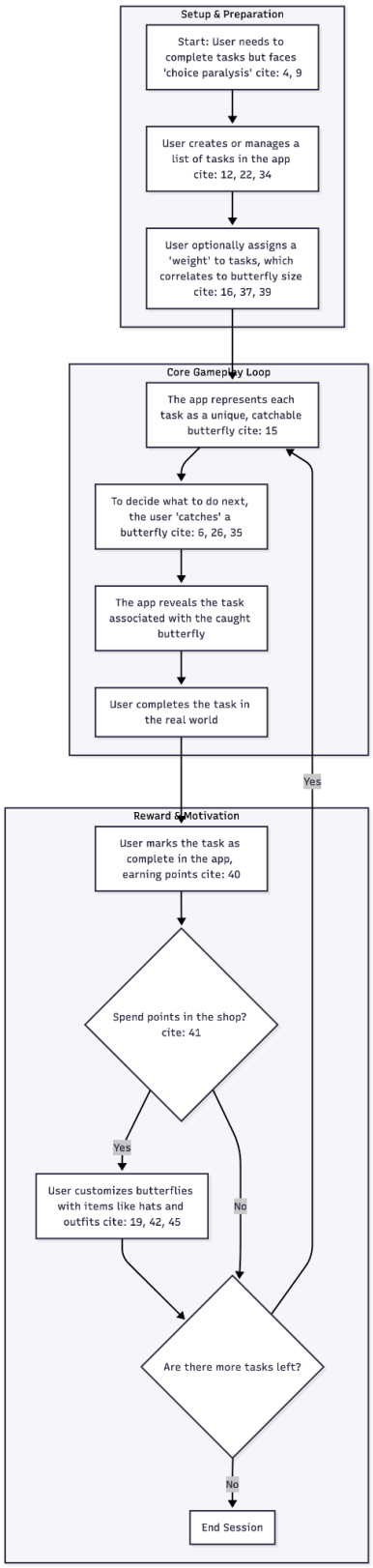
Nice to have:

- Advanced butterfly customization (hats, outfits, and accessories)
- Integration with calendar apps for automatic task import
- Statistics dashboard (tasks completed per day/week, most productive times)

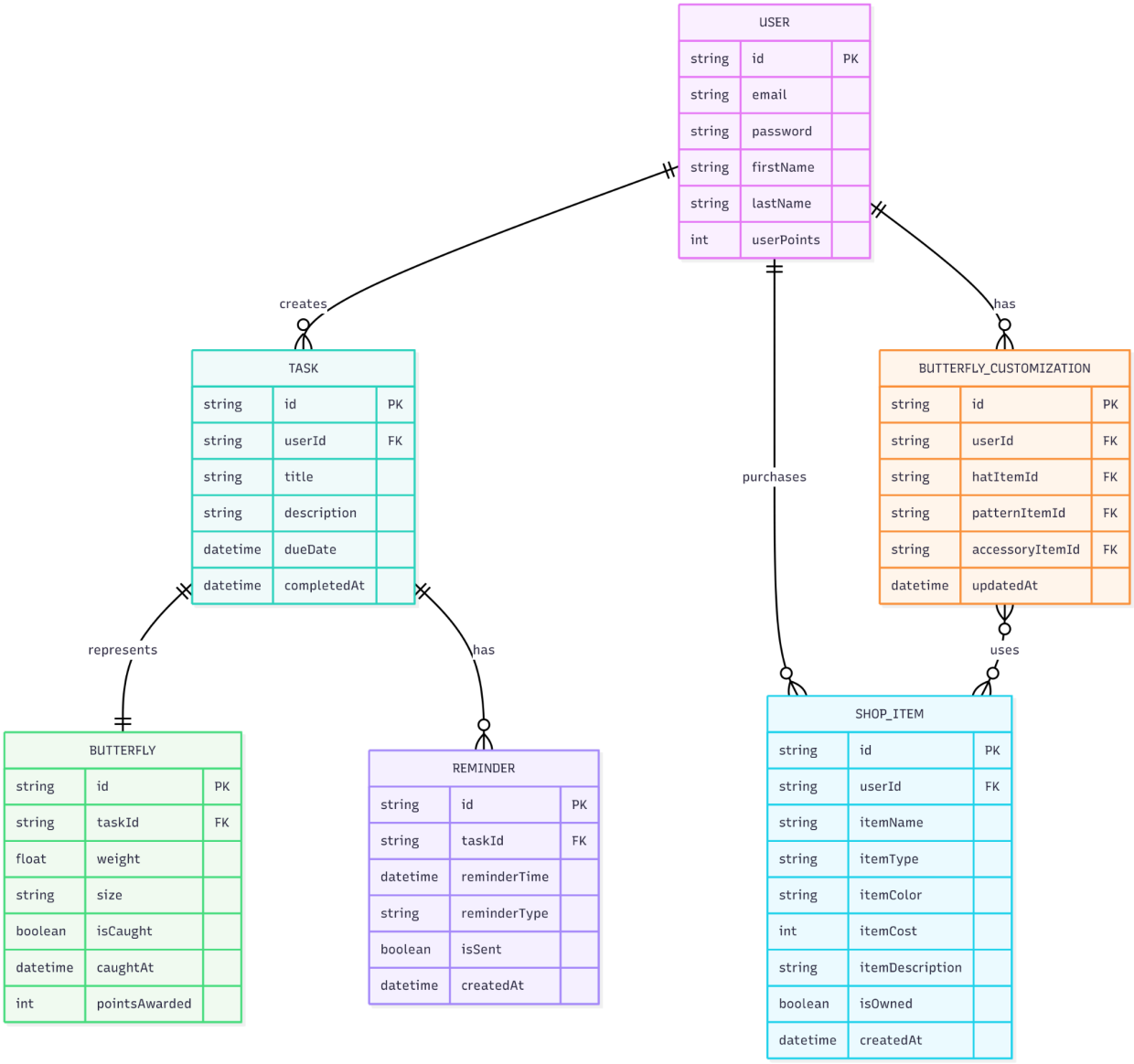
Stakeholders/Intended Users:

1. Anyone experiencing decision fatigue or choice paralysis
2. People with busy schedules/a lot of tasks
3. People who need to focus on work on task at a time
4. Individuals with ADHD and trouble focusing

Core Gameplay:



Initial Data Model:



Roles and Responsibilities:

Jason: Frontend/Backend + UI

Jacob: Frontend/Backend + Art for butterfly

Ricky: Frontend/Backend + Testing

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