Release Summary

Key User Stories & Acceptance Criteria

- As a user, I want to create an account so I can save and access my reading data on different devices.
  - **Acceptance Criteria**: When building the application, the user must be able to create a new account. If the user already has an existing account, then the user must also be able to log into their already existing account
- As a user, I want to search for and log a book I've read to my library so I can track my reading.
  - **Acceptance Criteria**: When the user navigates to the bookshelf screen, then presses the fab plus icon, the user must be presented a modal which they can log the amount of pages they have read for a book. After filling out this modal, their data must be stored within Supabase
- As a user, I want a home screen or dashboard so I can view the most important information at a glance.
  - **Acceptance Criteria**: In the home/dashboard screen, the user must be able to…
    - Leave a quote through manual input textbox, which should reload and save when users sign up
    - View a limited selection of recommended books (at least 5 unique books)
- As a user, I want a personalized Rewind to visualize a breakdown analysis of my library.
  - **Acceptance Criteria**: In the rewind screen of the application, the following criteria must be met…
    - Users must be able to navigate through all rewind screens (forwards and backwards). Navigation could also be automatic (i.e. after 10 seconds, the user automatically goes from rewind screen 1 to rewind screen 2)
    - All three rewind screens must dynamically display data based on the user's current data on Supabase
    - Screen 1 – At least, 10 reading personalities with respective descriptions should be defined (i.e. personalities can be stored within a JSON file). Assign the user's personality using the OpenAI API, then display that personality and description on the first rewind screen
    - Screen 2 – Display the number of pages the user has read across their total number of books
    - Screen 3 – Display the user's top three authors and top three self-rated books. Users must be able to rate books within the BookDetail screen. The user's top three authors should be based on the frequency a user's library has a specific author

Known Problems

- Building to IOS is rough and issue prone due to dependencies
    - Downgrading to xcode < 16.3 resolves most of the issues
- Inconsistent API communication
- Rewind needs a lot of polish
    - Can compile faster
    - Can be more visually appealing
    - Better prompt engineering
- Rewind OpenGL starts lagging after a few minutes due to a memory leak
- Book card generation is inconsistent/unreliable
    - "By Unknown"
    - "Description unavailable."

Product Backlog

- More complex rewind in regards to personalization & visualization
- More optimized rewind generation
    - Faster compilation
    - Less bulky/bloated

CSE 115A – Introduction to Software Engineering
Release Summary
The Release Summary document contains the following elements:
Heading: Document name ("Release Summary"),productname, team name, date.
Key user stories and acceptance criteria: Give a list of key user stories with their acceptance
criteria that can serve as a guide for an acceptance test.
Known Problems: List the major bugs (you can reference your Test Report), omissions (missing
functionality, edge cases that are not handled), design shortcuts (e.g. hard coded data), etc.
Product Backlog: Provide a list the high priority user stories and bug fixes that can serve as a
guide for a follow-on project.
Note: There will be no penalty for system failures during the project review that are due to
known
problems.
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