Testudo Bank - UI Redesign Feature!

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Problem Statement

The current Testudo Bank user interface is bland with very little design aspects. This could deter many customers from Testudo Banks due to sketchy interface an a lack luster naviagation. Testudo Bank would benefit from a UI redesign giving the website stronger credibility. A better UI would also improve readibility making navigation easier.

Solution Requirements

- The redesigned UI should feature a modern and visually appealing layout.
- Navigation within the application should be intuitive and user-friendly
- The new UI should incorporate interactive elements where appropriate
- The UI design must prioritize accessibility, with clear and readable text, and proper color contrast

Solutions Considered

Solution 1: Minimalistic Bank UI with a Pop of Color
In this approach, Testudo Bank's UI would adopt a normal design, featuring a neutral background with clean, simple layouts similar to regular banking interfaces. A single pop color, such as red, to represent Testudo Bank's branding. This approach aims to provide users with a straightforward banking experience while still subtly differentiating Testudo Bank's brand identity.

Pros:

- Offers a familiar banking experience for users accustomed to traditional banking interfaces.
- The minimalist design enhances usability by reducing clutter and distractions.
- The use of a pop color adds visual interest and reinforces Testudo Bank's brand identity without overwhelming the user experience.
- Appeals to a wide range of users, including those who prefer a more conventional banking aesthetic.

Cons:

- May lack the visual appeal and excitement desired by younger, users who are used to more dynamic interfaces.
- Limited use of color and visual elements may not differentiate Testudo Bank from competitors .
- Potential risk of appearing too conservative or outdated compared to more innovative banking interfaces.

Solution 2: Vibrant and Dynamic Multi-Colored Website
In this approach, Testudo Bank's UI would go under a huge transformation, using a vibrant and dynamic design characterized by bold colors, animated elements, and interactive features. The website would feature a variety of eye-catching animations, colorful graphics, and playful elements such as moving buttons to create an engaging and immersive user experience. This approach aims to appeal to younger

demographics and tech enthusiasts who are drawn to visually stimulating and interactive interfaces.

Pros:

- Captures attention and creates a memorable user experience with its vibrant colors and animations making Testudo Bank stand out in a crowded market.
- Appeals to younger demographics who are accustomed to dynamic and visually engaging digital experiences.
- Enhances user engagement and encourages exploration by providing interactive features and animations that make the banking experience more enjoyable and entertaining.

Cons:

- May be seen as overwhelming or distracting by some users, particularly older demographics or those who prefer a more streamlined and functional UI.
- High levels of visual complexity and animation may impact website performance and load times, maybe leading to usability issues or frustration for users .
- The focus on aesthetics and gimmicks may overshadow essential banking functionalities.

Proposed Solution

The proposed solution is the **Minimalistic Bank UI with a Pop of Color** because it offers a balance between familiarity and branding differentiation, catering to a broad user base while still reflecting Testudo Bank's unique identity. By prioritizing essential features and rapid development, Testudo Bank can deliver a user-friendly and visually appealing banking experience that resonates with customers while laying the foundation for future enhancements and innovation. Picking the solution with the vibrant design would have helped us seperate us from the other banks. It would also pull in a younger audiance as they look more into asthetics. That being said the Minimalistic design is the correct choice because usually older people tend to have more money so it is better to target that audiance. Also older people tend to make better financial decisions so its better to cater our bank for these customers.

Technical Architecture

MVC Logic Diagrams
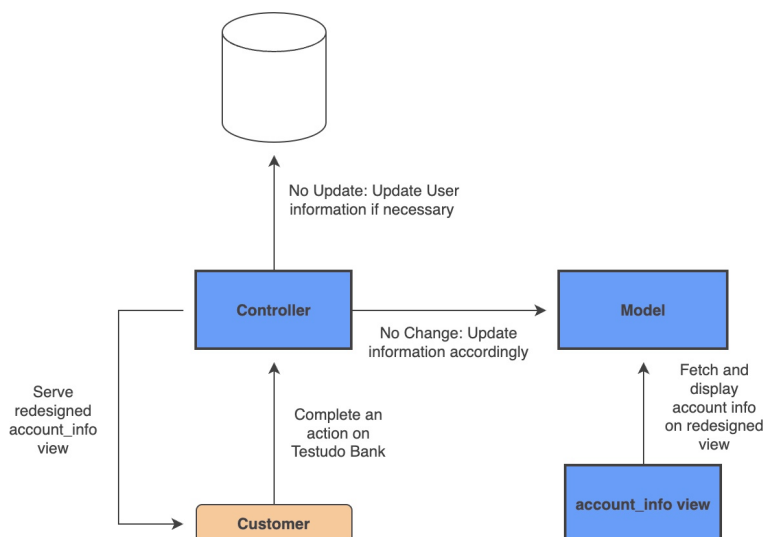
- CustomerID is a primary key for the Customers table that can be used as a foreign key in the OverdraftLogs and Passwords table.
- CustomerID is also a primary key in the Passwords table.
- CustomerID is not a primary key in the OverdraftLogs table since each row in that table represents a single time a customer paid back some (or all) of their overdraft balance. The same CustomerID can be in numerous rows in the OverdraftLogs table since customers can pay back their overdraft balance over multiple payments.

Stretch Goal

Solution Requirements

- In addition to the UI redesigned the website should also fit the use of a cellular device with different proportions.
- Users have the option to toggle the theme of the website using a button