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Project Description

Piggy-Pon is a smart savings web application designed to help users, particularly students and young professionals, manage and track their savings digitally. It allows users to log deposited amounts, set personal savings goals, monitor financial progress, and receive helpful money management tips. The platform encourages financial literacy through an interactive and gamified experience that keeps users engaged and motivated. This second phase of development explores a range of design ideas based on earlier space analysis.

Requirement Summary

Core Requirements:

- A user-friendly dashboard displaying savings balance, goals, and recent deposit activity.
- Goal-setting features for both short-term and long-term savings targets.
- Manual input system for logging savings deposits.
- Visual analytics (progress bars, charts) for weekly and monthly savings insights.
- Reward system (badges, streaks) to gamify savings milestones.
- Web accessibility on both desktop and mobile browsers.
- Secure user accounts with encrypted financial data storage.

New or Updated Requirements:

- Customizable profile options (e.g., avatars, interface themes).
- Optional budget tracker for simple income vs. spending visualization.

Design Space

- **Challenges:** Ensuring user data privacy and security while keeping the app lightweight and responsive. Creating an intuitive UI that appeals to different age groups without overwhelming new users.
- **Tradeoffs:** A highly visual and fun interface may sacrifice depth in financial reporting, while a data-heavy interface might deter casual users. We balanced a playful theme with essential budgeting tools.
- **Easiest Tasks:** User registration, goal creation, deposit logging, and basic chart generation.
- **Hardest Tasks:** Ensuring scalable data visualization, integrating notifications, and crafting a reward system that feels motivating but not gimmicky.

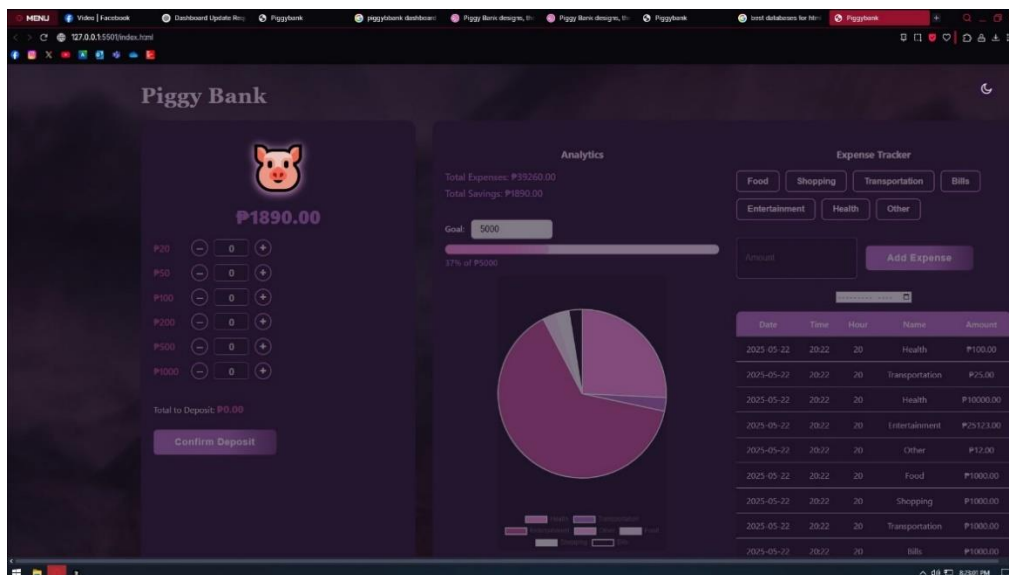
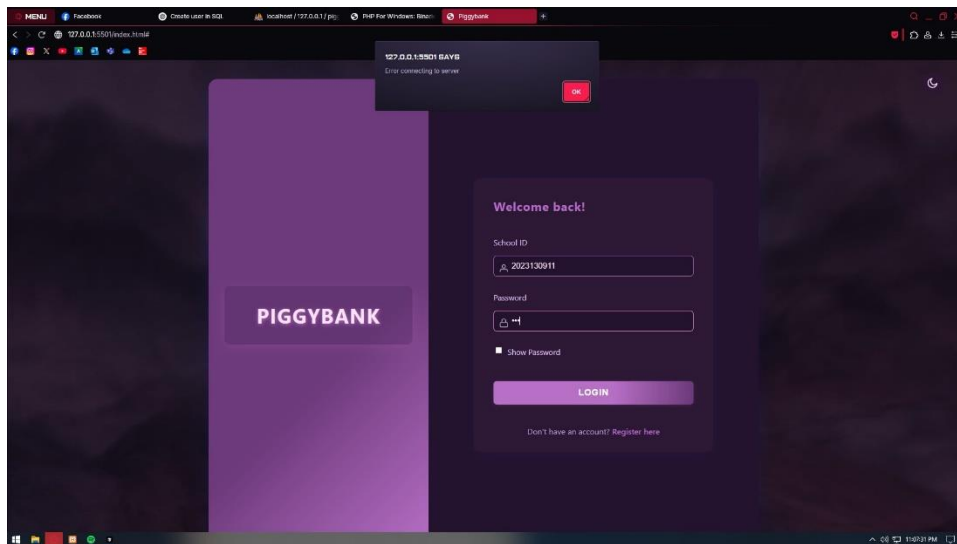
Design Summary

Several interface styles were explored for *Piggy-Pon*:

- **Minimalist dashboard** with playful design elements and goal add-ons.
- **Gamified UI** with visual savings meters.
- **Pig-Themed web app** with budgeting tools and financial education widgets.

We chose a **balanced interface** that blends a youthful look with a clean, intuitive layout.

The Designs



Requirements Changes

Following early mockup reviews and usability testing:

- A **notifications system** was introduced to remind users about their savings goals and congratulate milestone completions.
- **Customization** became a priority: users can now personalize themes and profile visuals.
- Savings progress visualization was changed from basic graphs to more interactive **animated sliders and charts** for a more engaging experience.

