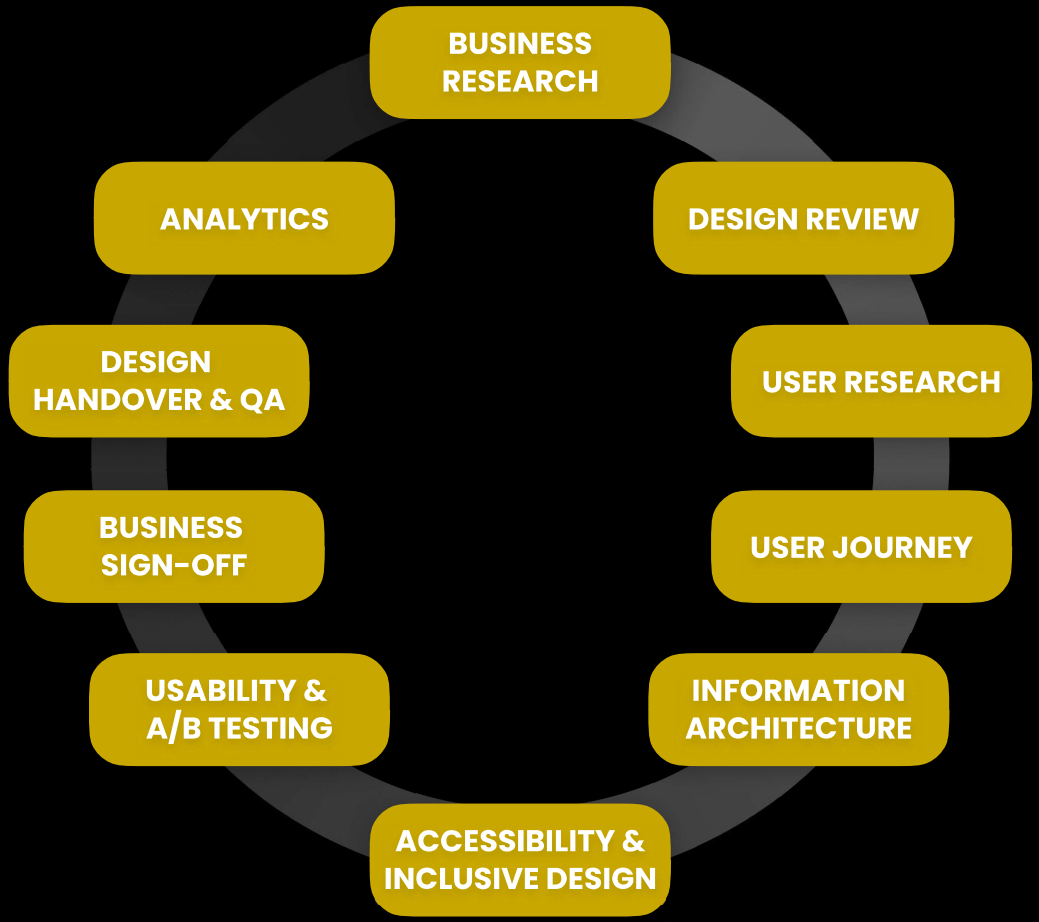
ABOUT ME

WELCOME TO MY PHP PORTFOLIO

Explore a collection of dynamic web applications, custom CMS platforms, and full-stack solutions I've built using PHP. Each project reflects my passion for clean code, security, and performance — crafted to solve real-world problems and deliver great user experiences.

Design process

I've created a process to have a solid foundation for my work as a designer within different organisations.



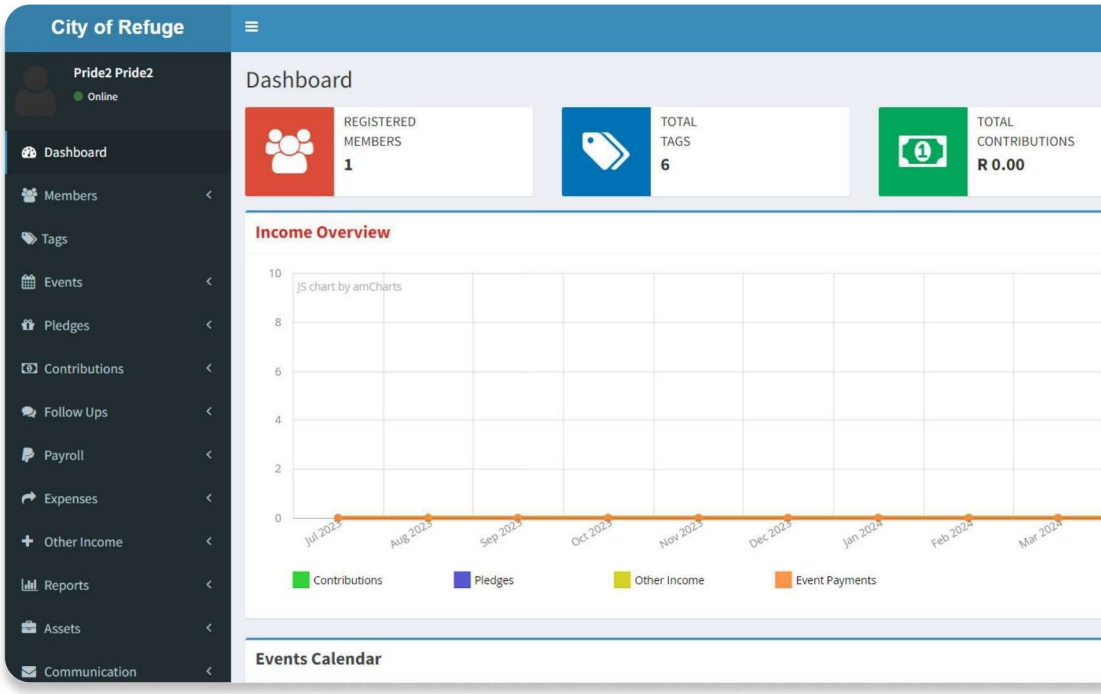
Administrative Church System

OVERVIEW

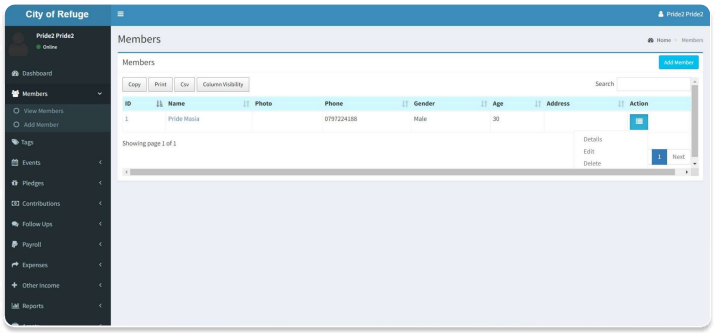
This case study focuses on designing an Administrative Church System (ACS) that integrates functionalities for managing church assets, maintaining member records, tracking pledges, and facilitating communication. The system aims to streamline administrative processes, enhance transparency, and foster community engagement within the church.

CHALLENGE

To develop a comprehensive ACS that meets the diverse needs of church administrators, clergy, and congregation members. The system should facilitate efficient management of church assets, provide accurate member information, automate pledge tracking, and enable seamless communication via various channels.

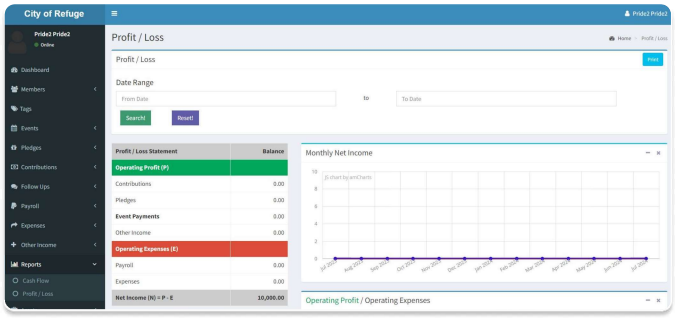


Administrative Church System



Goals:

1. Integrated Platform: Create a unified platform that centralizes church operations, including asset management, member database, pledge tracking, and communication tools.
2. Efficiency: Streamline administrative tasks such as asset inventory, member registration, pledge recording, and reporting to save time and resources.
3. Transparency: Enhance transparency by providing real-time access to financial data, member contributions, and church activities for stakeholders.
4. Communication: Enable effective communication through automated notifications, newsletters, and event announcements to keep members informed and engaged.



Process:

1. Research & Discovery:

- Conducted interviews and workshops with church administrators, clergy, and members to understand current pain points and operational challenges.
- Analyzed existing church management systems to identify gaps and opportunities for improvement.

2. User Stories & Persona Development:

- Developed user stories to capture key scenarios and tasks that the ACS should support (e.g., managing church events, tracking donations).
- Created personas representing typical users such as Pastor John, Administrator Sarah, and Member Emily.

3. Information Architecture & Wireframing:

- Designed information architecture to organize church assets, member profiles, pledge records, and communication features in a structured manner.
- Created low-fidelity wireframes to visualize the layout and interaction flow of key screens, ensuring ease of navigation and usability.

4. UI Design:

- Applied a clean and professional design language that reflects the church's values and brand identity.
- Designed intuitive interfaces for asset management, member profiles, pledge recording, and communication tools, focusing on clarity and accessibility.

5. Prototyping & Iteration:

- Developed interactive prototypes using tools like Figma or Adobe XD, allowing stakeholders to navigate through key features and provide feedback.
- Conducted usability testing sessions with church administrators and members to validate design decisions and iterate based on user feedback.

6. Implementation & Testing:

- Collaborated with developers to implement the design, ensuring functionality and performance across different devices and platforms.
- Conducted thorough testing to identify and address any bugs or usability issues before the system's deployment.
- Provided training and support to church staff and volunteers to ensure smooth adoption and use of the ACS.

Results:

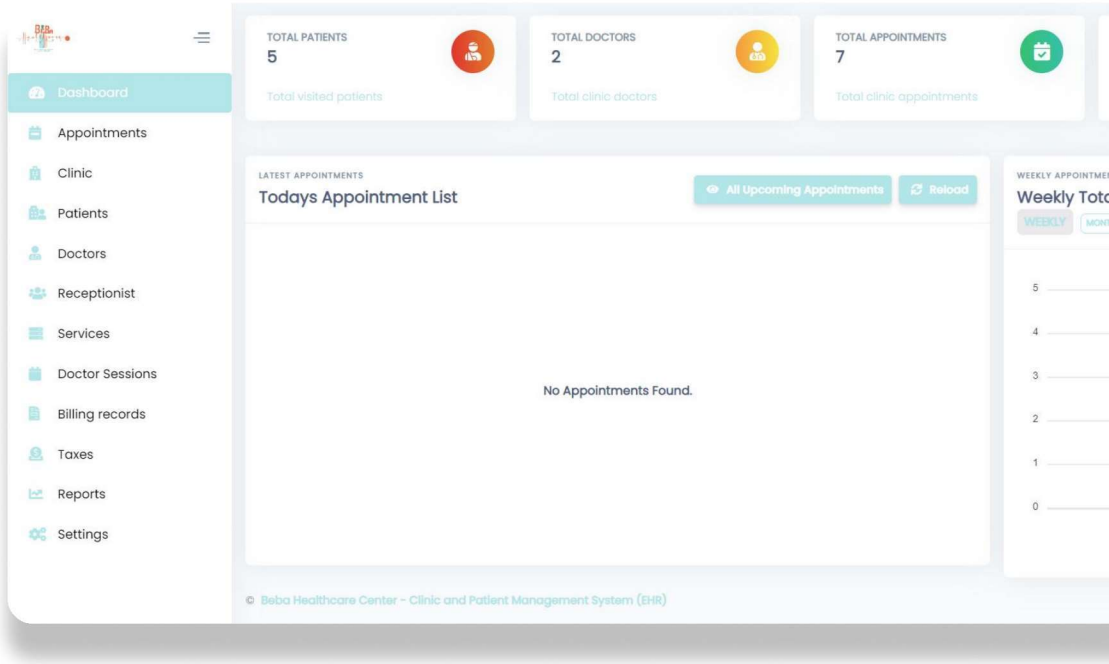
- Streamlined Operations: The ACS enables efficient management of church assets, accurate tracking of member information, and automated recording of pledges.
- Improved Transparency: Stakeholders have real-time access to financial reports, member contributions, and other relevant data, enhancing transparency and accountability.
- Enhanced Communication: Automated communication features such as newsletters, event reminders, and announcements fostered better engagement and participation among church members.

Clinic & Patient Management System

Designing a comprehensive Clinic & Patient Management System

OVERVIEW

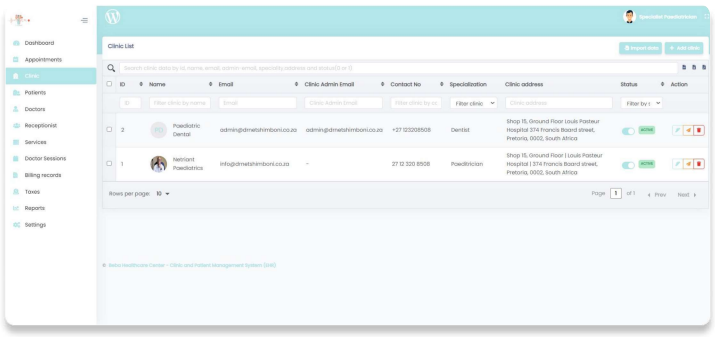
Designing a comprehensive Clinic & Patient Management System (CPMS) involves creating a seamless user experience for healthcare professionals and patients alike. This case study focuses on the UX/UI design process for such a system, emphasizing usability, efficiency, and accessibility.



CHALLENGE

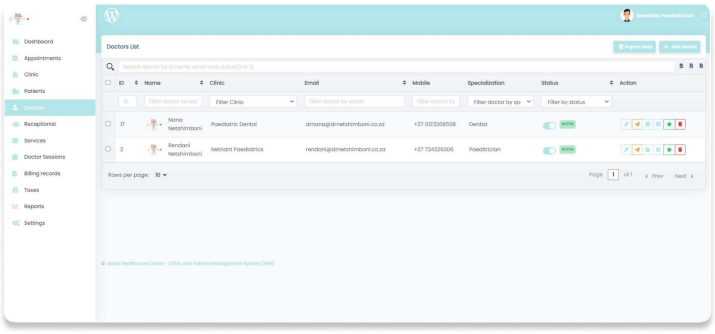
To develop a CPMS that integrates various functionalities to streamline clinic operations, enhance patient care, and ensure data security. The system should cater to different user roles (doctors, nurses, administrators, and patients) while maintaining a user-friendly interface.

Clinic & Patient Management System



Goals:

1. User-Centered Design: Prioritize the needs of doctors, nurses, administrators, and patients through intuitive navigation and task-focused interfaces.
2. Efficiency: Reduce time spent on administrative tasks by automating processes such as appointment scheduling, patient record management, and billing.
3. Accessibility: Ensure the system is accessible to all users, including those with disabilities, by adhering to accessibility standards (e.g., WCAG).
4. Data Security: Implement robust security measures to protect patient data and comply with healthcare regulations (e.g., HIPAA).



Process:

1. Research & Discovery:

- Conducted interviews and workshops with healthcare professionals (doctors, nurses, administrators) to understand pain points and workflow challenges.
- Analyzed existing CPMS to identify usability issues and areas for improvement.

2. User Personas:

- Developed personas based on research insights, representing typical users such as Dr. Smith (primary care physician), Nurse Rodriguez (clinic nurse), and Mr. Johnson (patient).

3. Information Architecture & Wireframing:

- Created information architecture (IA) to structure the system logically, mapping out key functionalities (e.g., appointment scheduling, patient records, billing).
- Developed low-fidelity wireframes to visualize layout and interaction flow, ensuring alignment with user needs.

4. UI Design:

- Applied a clean and professional design language, considering healthcare industry standards and best practices.
- Designed high-fidelity mockups with attention to detail (e.g., typography, color scheme) to enhance usability and visual appeal.

5. Prototyping & Iteration:

- Developed interactive prototypes using tools like Figma or Sketch, allowing stakeholders to experience navigation and functionality firsthand.
- Conducted usability testing sessions with representative users to gather feedback and iteratively improve design.

6. Implementation & Testing:

- Collaborated with developers to ensure seamless integration of design elements and functionality.
- Conducted rigorous testing to identify and resolve any usability issues or bugs before deployment.

Results:

- Improved User Experience: Positive feedback from users regarding ease of use and efficiency in completing tasks such as scheduling appointments and accessing patient records.
- Enhanced Efficiency: Reduced administrative workload for healthcare professionals, allowing them to focus more on patient care.
- Increased Patient Satisfaction: Patients reported improved communication with healthcare providers and easier access to their health information.

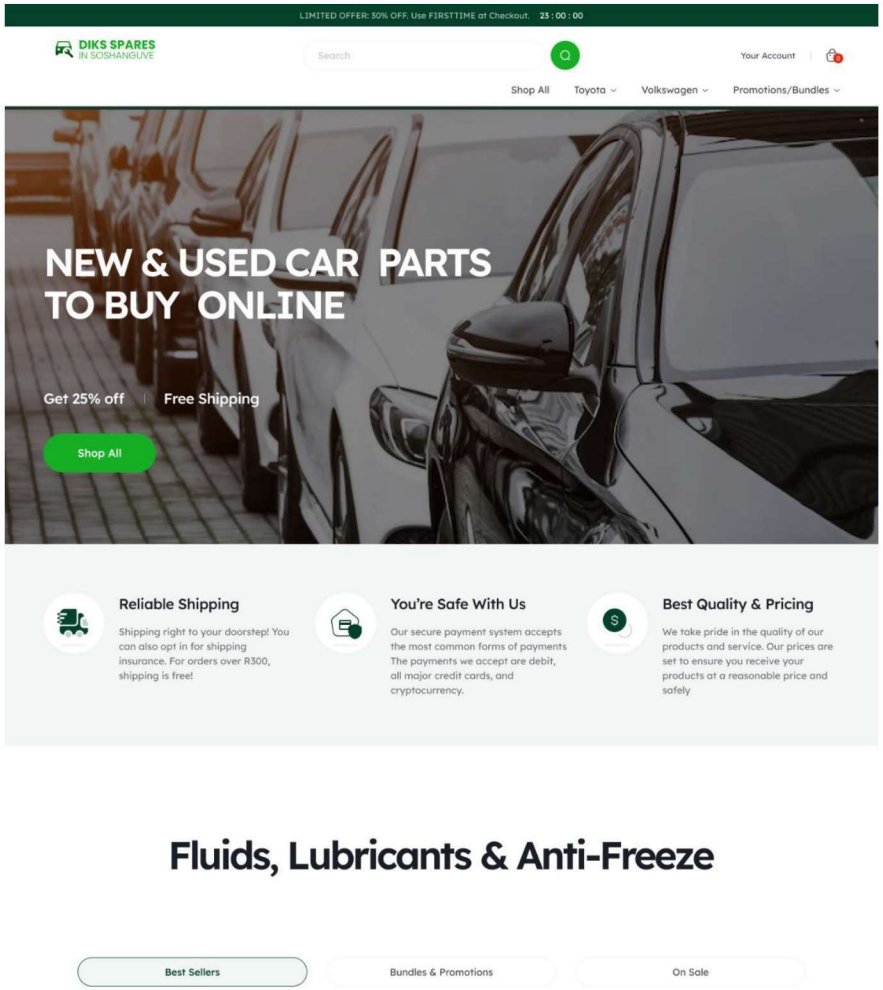
UX Design for an E-commerce Website Selling Car Parts and Liquids

OVERVIEW

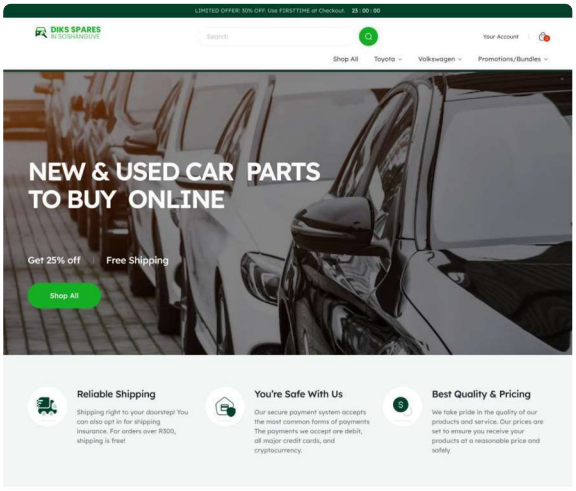
This case study focuses on the UX/UI design process for an e-commerce website specializing in the sale of car parts and automotive liquids. The goal is to create a seamless and intuitive online shopping experience that caters to both casual car owners and professional mechanics looking for high-quality products.

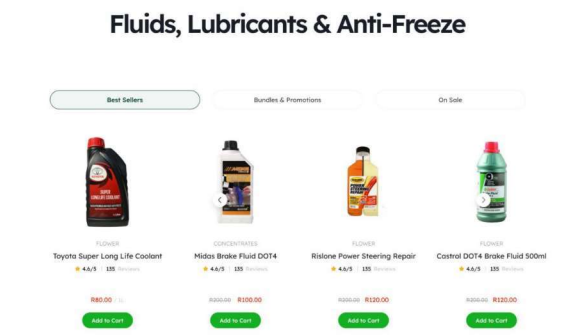
CHALLENGES

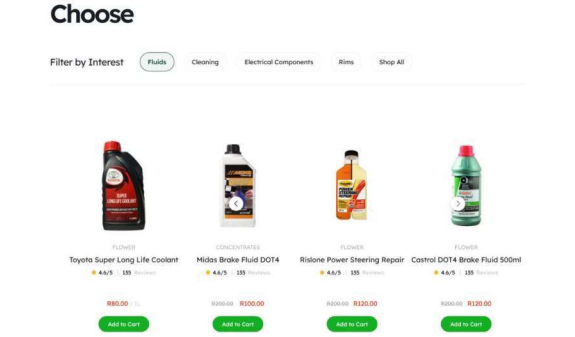
Designing an e-commerce platform that effectively showcases a wide range of car parts and automotive liquids while ensuring ease of navigation, product discoverability, and a streamlined checkout process. The website should prioritize usability, visual appeal, and trustworthiness to enhance user engagement and increase conversion rates.

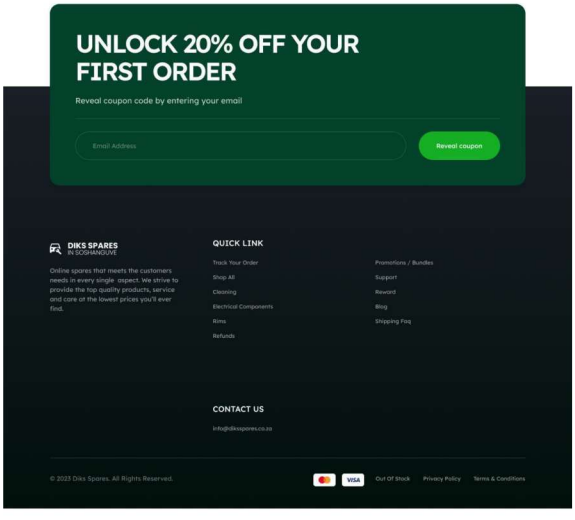


UX Design for an E-commerce Website Selling Car Parts and Liquids









HIRE ME

Phone:+27670773259

Email:bmmasuku@gmail.com

Website:https://github.com/Bros-flame