



Web and Mobile Apps Development



Client: King Abdullah Economic City(KAEC)

Industry: Real Estate

Services Provided:

- Website Revamp
- Mobile App Migration and Implementation

Client Overview

King Abdullah Economic City (KAEC) is a vision-ready investment destination that features a fast-growing manufacturing and logistics hub within a modern environment that is home to world-class urban living and tourism experiences, making it a key enabler of Vision 2030.

WHO WE ARE? ✓



We are a pioneering Technology, Consulting, and Outsourcing company that delivers end-to-end IT solutions. We are headquartered in the UAE and have worked with clients across multiple industry verticals all around the globe. With nearly a decade of experience in delivering a wide spectrum of IT solutions, we have helped them transform their businesses maximizing their ROI and profitability by driving their success through our diverse range of services.

PROJECT OVERVIEW

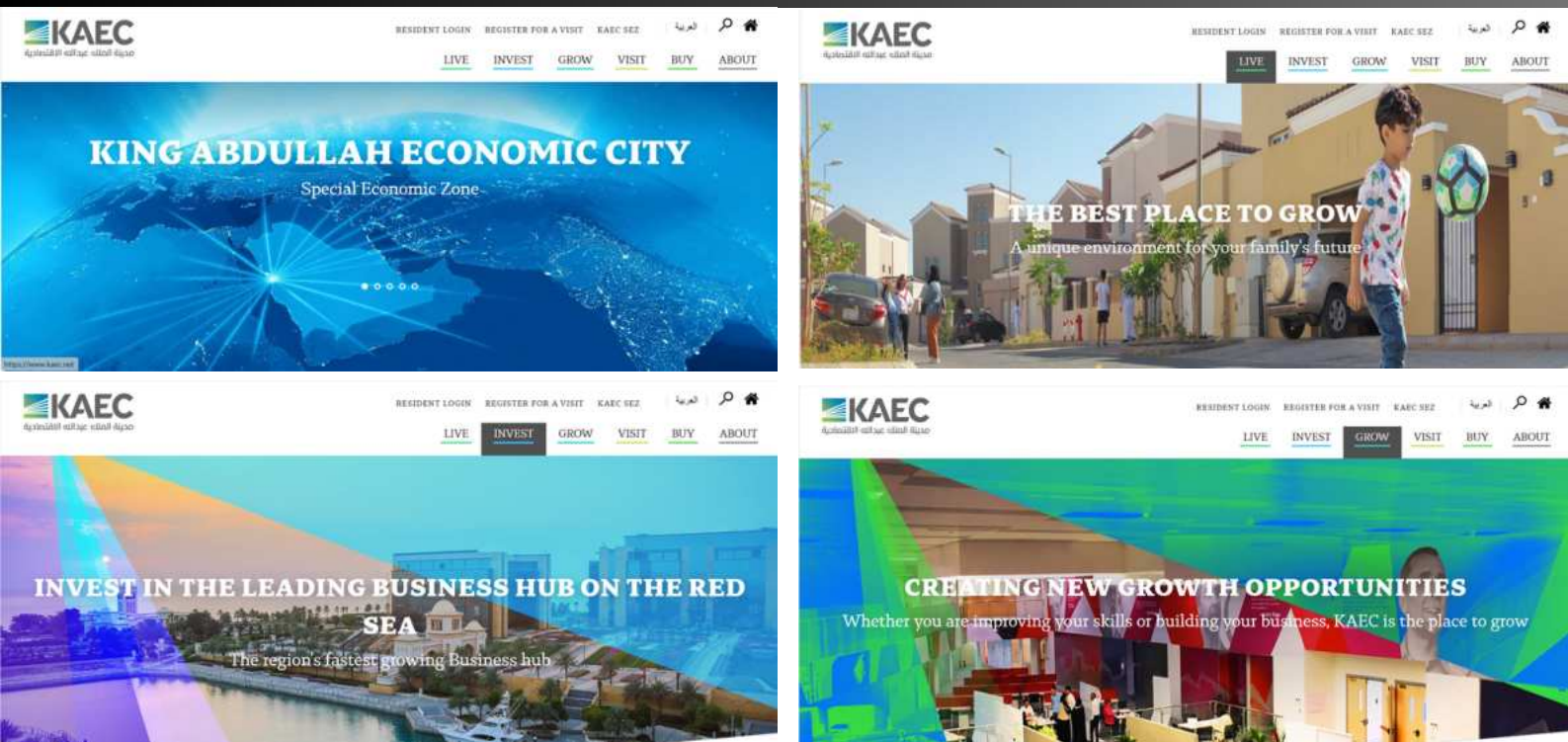
- Improved brand perception and awareness for KAEC among potential investors, residents, and businesses.
- Increased user engagement from multiple audience segments (investors, visitors, residents) via tailored content pathways.
- Streamlined access to property listings, investment options, and community amenities making it easier for users to take action (e.g. register visits, explore properties).
- Multilingual support and strong visual appeal likely to contribute to user satisfaction and retention.

Our Solution

TechMantra partnered with KAEC to revamp and streamline their digital ecosystem, covering both websites and mobile applications. Our solution ensured compliance with KAEC's stringent development and security guidelines while delivering a scalable, user-friendly, and bilingual (English & Arabic) digital experience.

Key aspects of our solution included:

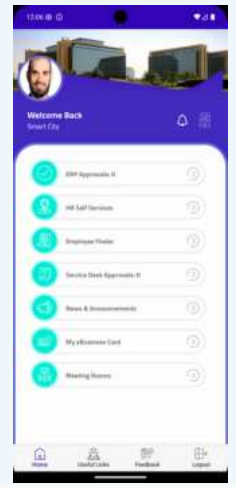
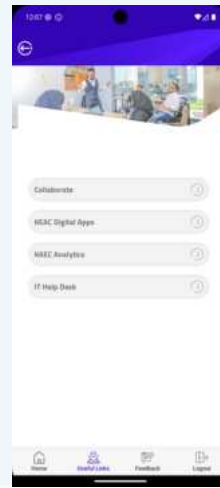
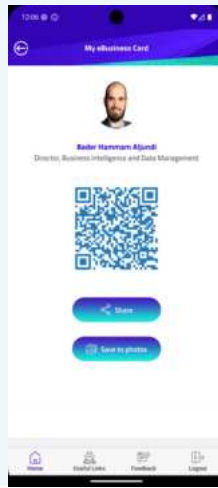
- Developing and deploying WordPress websites aligned with KAEC's branding and SEO requirements.
- Building React Native mobile applications integrated with backend services through Node.js and MySQL.
- Ensuring strict adherence to security standards against threats like SQL injection, brute force attacks, and cross-site scripting.
- Providing end-to-end services including UI/UX design, functional testing, QA, deployment, and training for KAEC teams.
- Seamless integration with KAEC's SSO and unified database for user management.



Why This Was Successful

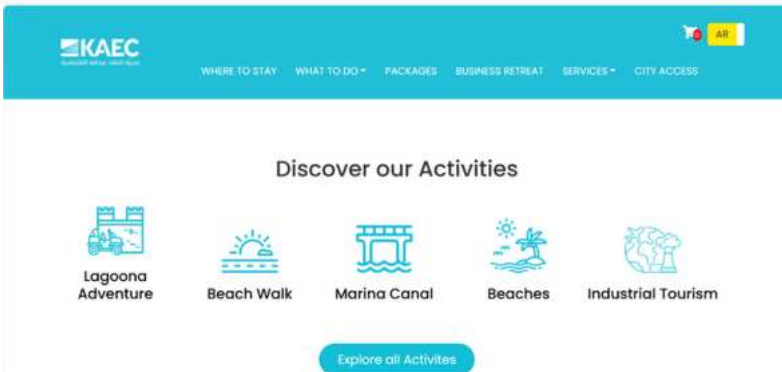
- Alignment with Client Guidelines: Every step of development adhered to KAEC's strict standards, ensuring smooth approvals and zero compliance issues.
- Collaborative Approach: Frequent checkpoints, design mockup approvals, and clear documentation helped maintain transparency.
- Scalability & Flexibility: The technology stack and modular design allowed for future upgrades, new features, and integrations with minimal effort.
- Robust Security & Quality Assurance: Comprehensive testing and proactive risk management ensured reliable, high-performing platforms.
- User-Centric Design: A modern, intuitive interface enhanced customer satisfaction and improved digital adoption.





Technology Stack

- Web Platform: WordPress (CMS), PHP, MySQL, Bootstrap, CSS/JS (minified & optimized).
- Mobile Applications: React Native (cross-platform), Node.js (backend services), MySQL (database).
- Integration & Services: API/Web Services for KAEC's unified systems, SSO integration, Google Analytics & mobile analytics tools.
- Hosting & Deployment: Secure WordPress hosting with manual update strategy, encrypted access credentials, organized server structure.
- Security: MD5 encryption, HTTPS protocols, vulnerability protection (SQL Injection, XSS, brute force, hijacking).



KEY RESULTS

100% Achievement

100% Success Rate

- Delivered fully responsive web and mobile platforms, optimized for performance and accessibility.
- Enhanced customer engagement with bilingual support (LTR & RTL).
- Improved digital security posture by implementing modern encryption standards and hardening CMS configurations.
- Achieved faster project turnaround with well-defined workflows for approvals, testing, and deployment.
- Enabled KAEC's internal team with technical documentation, training, and administration access to manage platforms independently.
- Successfully boosted website SEO rankings with structured metadata, sitemap creation, optimized images, and analytics integration.