



# Innovation in software solutions

# We deliver the most innovative software solutions in the industry

Modern Technology With Best Services, Make Your Mobile Appliance, Make Your Own Hospital Information System, Make Your Own E-commerce Website , Make Your On Software. We provide you with the best software programs, and and artificial intelligence with more than ten years of experience with a group of programmers in different parts of the world.



# About Us

We Have More Than 22 Developers, Programmers And Designers Working In All Programming Languages And All Type Of Designs And We Have Medical And Non- Medical Systems Analysts.

We Work With Latest Softwares Technology And Artificial Intelligence And Work To link The Systems That We Develop With All Other Systems And Mobile Applications.

## HAPPY CUSTOMERS

# 25+



# 135

Projects Completed



# 8

Active Clients



# 89

Our Clients



# 196

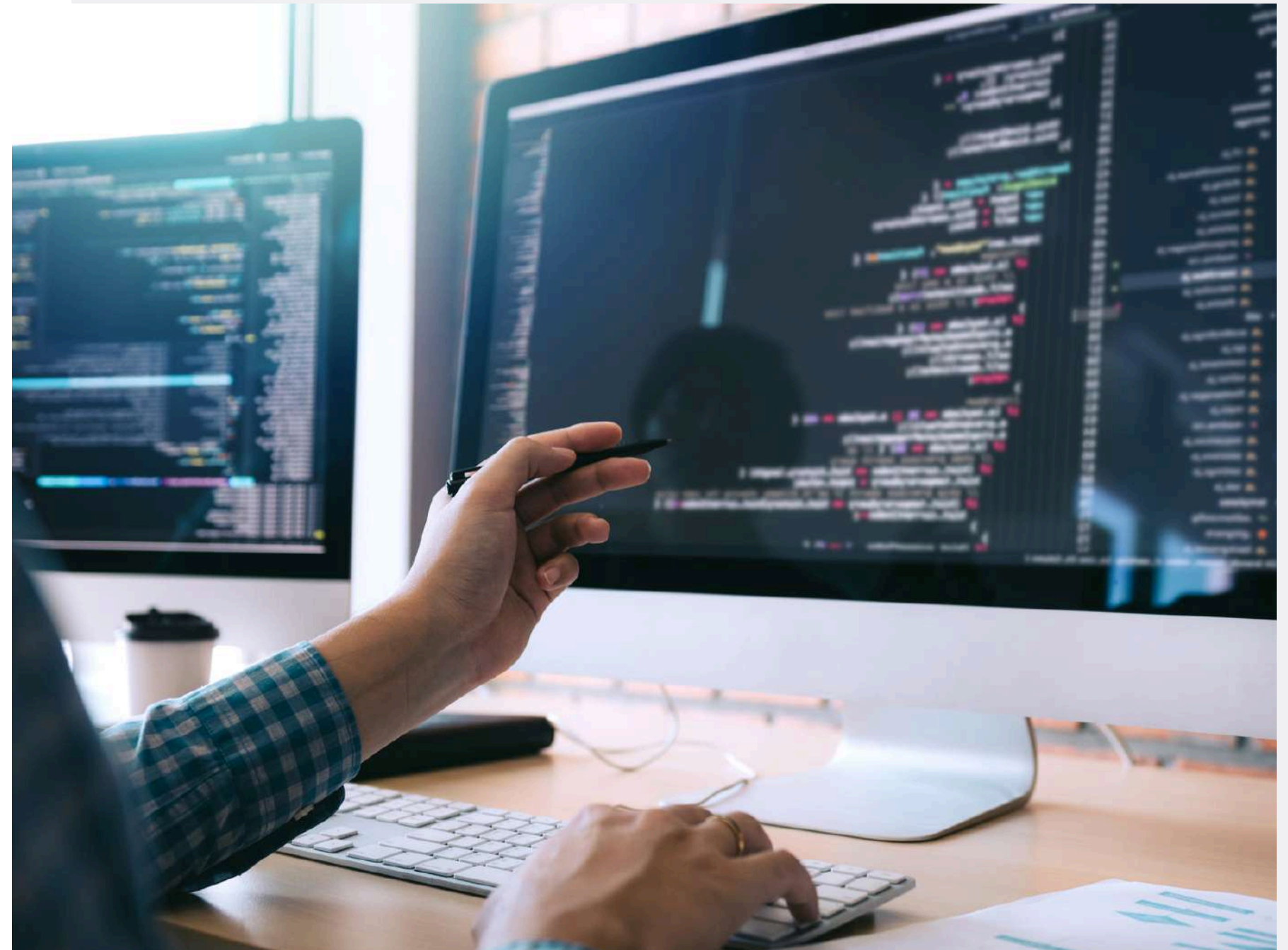
Satisfied Customers



[www.mashreqgulf.com](http://www.mashreqgulf.com)

## Experienced designers & developers

- ✓ **Best user interfaces**  
Simplifying interactions with intuitive, user- friendly designs for seamless experiences.
- ✓ **Smooth development**  
Effortless and efficient development tailored to meet your unique needs.
- ✓ **Quality web design**  
Crafting visually stunning, user-focused web designs that leave a lasting impression.





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## Our Clients



# Our Services



**Hospital  
Information's System**



**Mobile Applications**



**Archiving Software's  
and Projects**



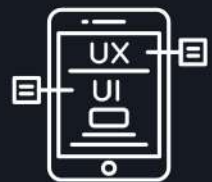
**Revenue Cycle  
Management  
(RCM)**



**ERP**



**E-Commance  
Website**



**UI/UX Designs**



**CCTV Camera**



**Internet Access  
Points**



**Call Center**



**Artificial  
Intelligence**



**Networking**

# Hospital Information's System

A Hospital Information System (HIS) is a comprehensive system designed to manage healthcare operations, improve efficiency, and provide better patient care. Below are the typical contents or modules of an HIS:

## Clinical Modules

- **Patient Registration:** Collects patient details like demographics, medical history, and contact information
- **Staff Management:** Tracks doctors, nurses, and administrative staff schedules, roles, and credentials
- **Appointment Scheduling:** Allows patients to book appointments and manages time slots for healthcare providers
- **Billing and Invoicing:** Automates the billing process, including insurance claims, payments, and patient accounts

## Clinical Modules

- **Electronic Medical Records (EMR):** Stores patient medical history, diagnoses, test results, and treatment plans
- **Doctor's Workbench:** Provides tools for doctors to manage prescriptions, clinical notes, and treatment protocols
- **Nursing Workbench:** Enables nurses to record vital signs, administer medications, and track patient care plans
- **Laboratory Management:** Handles test requisitions, sample tracking, and results reporting
- **Radiology Management:** Manages imaging requests, PACS integration, and report generation

## Operational Modules

- **Pharmacy Management:** Tracks inventory, prescriptions, and dispensing of medications
- **Inventory Management:** Manages hospital supplies, including medical equipment and consumables
- **Bed Management:** Tracks the availability and allocation of hospital beds for patients
- **Operation Theater Management:** Schedules surgeries and manages equipment and staff requirements



# Hospital Information's System

## Financial Modules

- **Insurance and Claims Management:** Tracks patient insurance details and processes claims with providers
- **Accounting System:** Manages hospital revenue, expenses, and financial reports
- **Revenue Cycle Management:** Monitors the financial lifecycle of patient interactions

## Ancillary Services

- **Help desk Management:** Facilitates patient inquiries and support
- **Telemedicine:** Enables remote consultations and follow-ups
- **Ambulance Services:** Tracks and manages ambulance availability and usage
- **Cafeteria and Facilities Management:** Supports non-medical services like food and housekeeping

## Analytics and Reporting

- **Dashboards:** Provides real-time insights into hospital operations and performance metrics
- **Reporting Tools:** Generates customized reports on patient outcomes, resource utilization, and compliance
- **Predictive Analytics:** Assists in demand forecasting and trend analysis



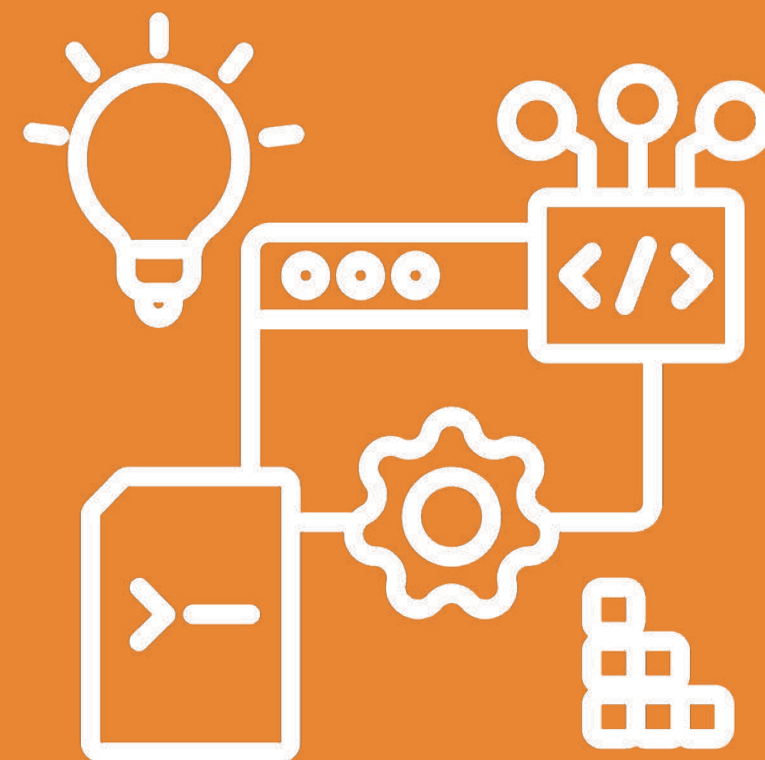
# Hospital Information's System

## Security and Compliance

- **Data Security:** Ensures encryption, role-based access, and secure storage of sensitive information
- **Regulatory Compliance:** Adheres to standards like HIPAA (for the U.S.), GDPR (for Europe), or local healthcare regulations
- **Audit Trails:** Tracks all system activities for accountability and fraud prevention

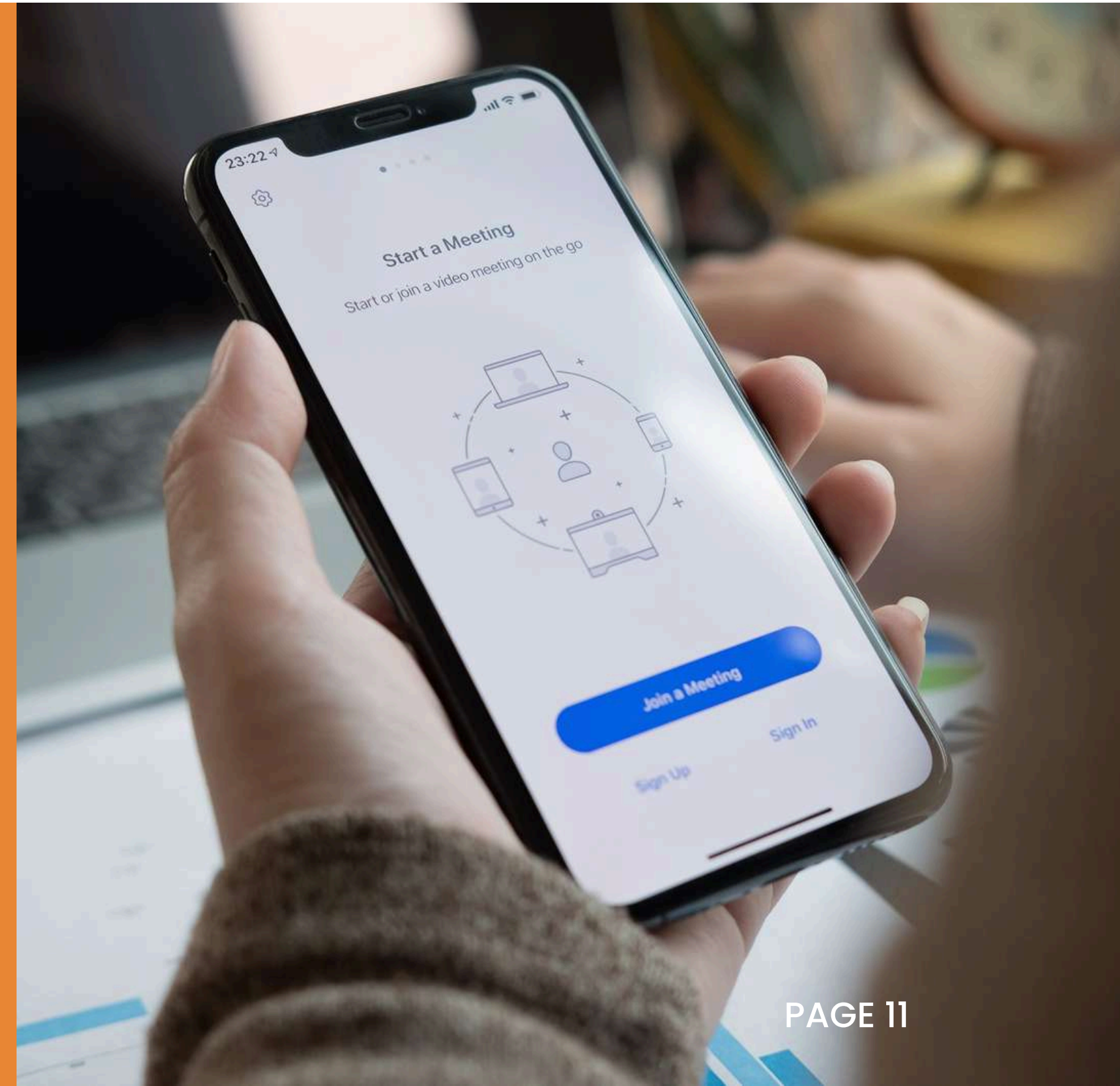
## Integration

- Integrated with **Zakat**
- Integrated with **Laboratory Machines**
- Integrated with **X-Ray Machines**
- Integrated with **Naphies**
- Integrated with **DHS**
- Integrated with **Waseel**
- Integrated with **Amazon Getaway**
- Integrated with **Payment Machines**
- Integrated with **Mobile Application**
- Integrated to the **Website**



## Mobile Applications

Empowering Connectivity and Convenience Through Mobile Technology At Al-Mashreq Al-Khalijiya, we specialize in crafting mobile applications that redefine user experiences through innovative design and seamless functionality. Our apps are tailored to deliver exceptional value across industries, from e-commerce and healthcare to education and entertainment. We prioritize intuitive user interfaces, robust back-end systems, and secure data handling to ensure every interaction is smooth and reliable. Whether it's enabling real-time communication, simplifying transactions, or providing personalized insights, our solutions are designed to adapt to your needs. With a commitment to innovation and quality, we integrate the latest technologies such as artificial intelligence, augmented reality, and cloud computing to create mobile experiences that exceed expectations. By choosing our mobile application services, you're opting for a partner dedicated to turning your vision into a powerful tool for growth and engagement.

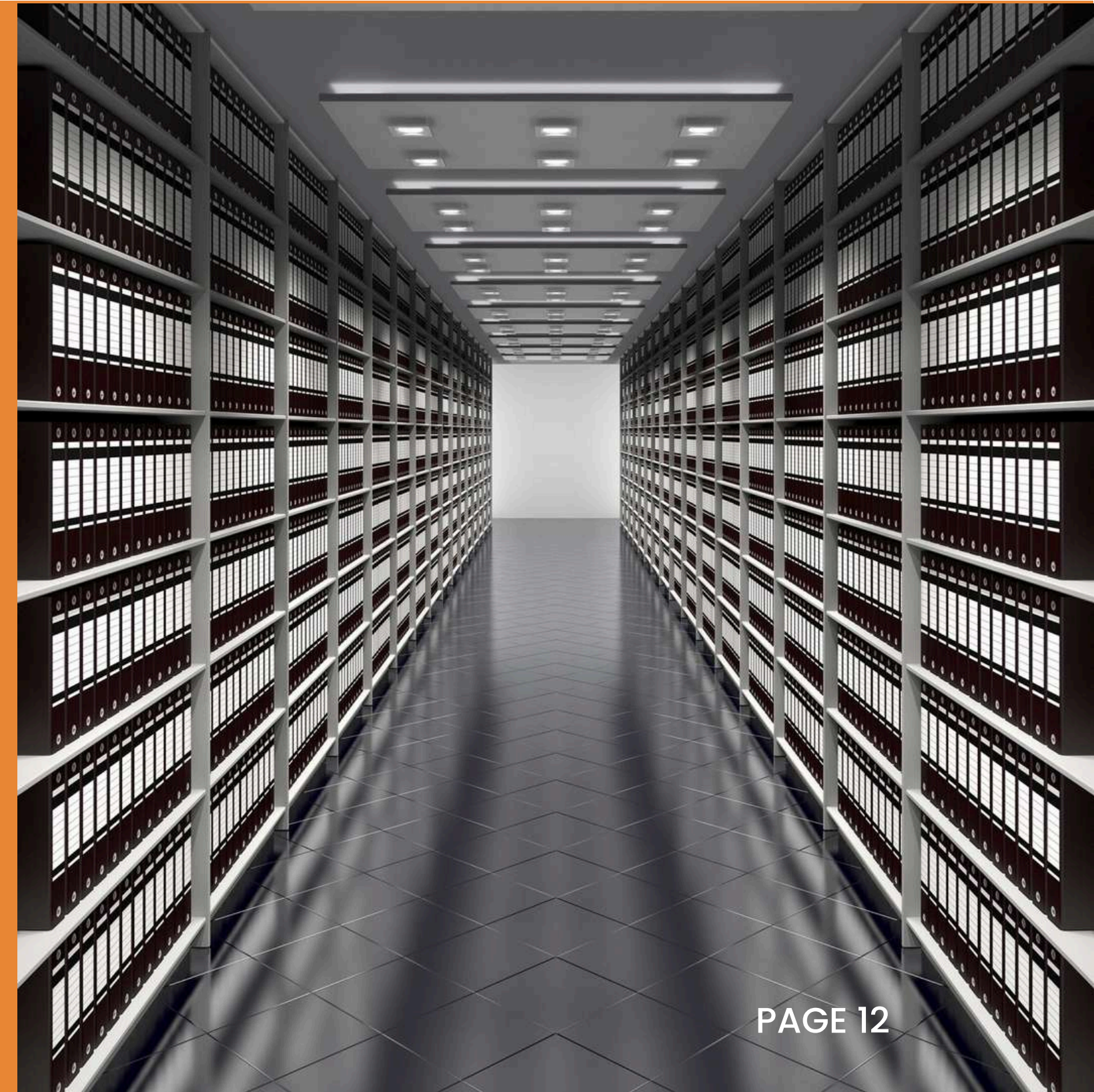


## Archiving Softwares and Projects

Electronic archiving is one of our company's core specialties, where we have extensive experience in operating, managing, and archiving various types of records in a systematic and efficient manner. This includes medical file archiving in hospital medical records departments, file management in warehouses and stores, as well as records in financial, human resources, and other administrative departments.

In our electronic archiving projects, we employ the latest technological systems tailored to meet our clients' specific requirements, ensuring seamless integration with any other software or HIS (Hospital Information System). We utilize high-precision scanners with resolutions of up to 600 DPI, capable of scanning documents of all types, sizes, and qualities with exceptional clarity and accuracy.

Our dedicated team of specialists brings years of experience in handling papers and documents of varying formats, ensuring meticulous care throughout the archiving process. They are highly skilled at working under pressure, capable of extending their work hours to over 12 hours a day to meet and often exceed project deadlines.



# Revenue Cycle Management (RCM)

It is one of the processes that aims to review and follow up the circle of patients in hospitals, complexes and medical centers, like registering patients, reviewing their data, and verifying their insurance eligibility. It also aims to process medical claims by preventing errors, reducing medical rejections, and following up on payment collection processes with insurance companies until payment is made. On the agreed dates

## Revenue Cycle Management Process:

- **Verifying insurance eligibility:** in terms of service coverage at the place where the patient came to receive treatment.
- **Patient data:** Verifying the correctness of entering patient data and insurance data for patients, such as entering the document number and the patient's membership number with the insurance company.
- **Medical coding:** Ensuring that medical services are translated into standard codes like ICD10 and others.
- **Medical services:** Services and their prices must be verified with each insurance company, Saudi Health Insurance, and the Nafees platform.
- **Reviewing claims:** Each separate claim is checked and its validity is verified, such as reviewing the approvals and services within it.
- **6/ Reducing and processing rejections:** This is done by reviewing claims, patient data, services, and medical approvals, as well as responding directly to rejections if any.
- **Payment operations:** By following up with insurance companies to make payments at the agreed upon time and not to delay the payment of dues. 8/ Analysis and reports: The work to improve the process of reducing rejections is carefully monitored and reports are prepared and submitted to the concerned party.



# Revenue Cycle Management (RCM)

## Benefits of Effective Revenue Cycle Management

- Increased revenue through faster and accurate reimbursements.
- Reduced errors by minimizing coding and billing mistakes.
- Improved compliance with regulations, reducing legal risks.
- Enhanced patient satisfaction with clear billing processes.
- Better cash flow through efficient collection processes.

## Technologies Used in Revenue Cycle Management

- Practice Management Software for scheduling, billing, and patient accounts.
- Electronic Health Records (EHR) for clinical and financial data integration.
- Medical Billing Software to automate claims submission and payment tracking.
- Artificial Intelligence (AI) for claim scrubbing and predictive analytics.
- Analytics Tools to monitor financial performance and identify improvement areas.

## RCM Key Performance Indicators (KPIs)

- **Days in Accounts Receivable (AR):** Time it takes to collect payment after services. **First-**
- **Pass Resolution Rate:** Percentage of claims paid on first submission.
- **Denial Rate:** Percentage of claims denied by insurers.
- **Net Collection Rate:** Revenue collected compared to what is contractually owed.
- **Patient Payment Collection:** Percentage of patient balances successfully collected.

## ERP

Enterprise Resource Planning (ERP) systems are comprehensive software solutions designed to streamline and integrate business processes across various departments. By centralizing data and automating workflows, ERP systems enhance productivity, efficiency, and decision-making within an organization.

### Key Features of ERP Systems

- **Integrated Modules:** Interconnected modules for finance, HR, supply chain, inventory, and more.
- **Real-Time Data Access:** Provides up-to-date information for better collaboration and decision-making.
- **Customizable Workflows:** Tailor processes to match specific business needs.
- **Automation:** Automates repetitive tasks, saving time and reducing errors.
- **Data Analytics and Reporting:** Advanced tools for actionable insights and comprehensive reports.
- **Cloud-Based Options:** Accessibility, scalability, and reduced infrastructure costs.

### Key Modules in ERP Systems

- **Financial Management:** Handles accounting, budgeting, and financial reporting.
- **Human Resources (HR):** Manages employee records, payroll, and recruitment.
- **Supply Chain Management (SCM):** Oversees procurement, inventory, and logistics.
- **Customer Relationship Management (CRM):** Tracks customer interactions and manages sales.
- **Manufacturing and Production:** Supports production planning and quality control.
- **Inventory Management:** Monitors stock levels and automates reordering.
- **Project Management:** Helps plan and track projects with timelines and budgets.

### Benefits of ERP Systems

- Improved efficiency by reducing manual processes.
- Enhanced collaboration with centralized data.
- Better decision-making through detailed analytics.
- Scalability to support business growth.
- Regulatory compliance to adhere to legal standards.
- Cost savings through optimized workflows.

## E-Commerce Website

An e-commerce website is a platform that allows businesses to sell products or services online. These websites streamline operations, improve customer engagement, and expand market reach by providing a user-friendly and secure online shopping experience.

### Key Features of an E-Commerce Website

- **User-Friendly Interface:** Intuitive navigation and responsive design to ensure a seamless user experience across devices.
- **Product Management:** Easy-to-use dashboard to add, edit, and manage product listings.
- **Secure Payment Gateway Integration:** Supports multiple payment options with SSL encryption for secure transactions.
- **Shopping Cart and Checkout:** Simple and efficient checkout process with order review and modification options.
- **Search and Filters:** Advanced search functionality with filters for easy product discovery.
- **Order Management:** Tracks orders from placement to delivery with status updates.
- **Customer Accounts:** User registration, login, and personalized experiences.
- **Mobile Compatibility:** Fully responsive design optimized for mobile devices.
- **Marketing Tools:** Features like email campaigns and discount coupons to attract customers.
- **SEO Optimization:** Tools to optimize product pages for search engines.
- **Analytics and Reporting:** Real-time insights into sales performance and customer behavior.
- **Multi-Language and Multi-Currency Support:** Enables global reach by supporting diverse languages and currencies.



## E-Commerce Website

### Benefits of an E-Commerce Website

- Wider audience reach, breaking geographical barriers.
- Cost-effective operations compared to physical stores.
- 24/7 availability, allowing customers to shop anytime.
- Personalized shopping experiences based on user data.
- Scalable solutions to grow with business needs.
- Data-driven insights for strategic decision-making.
- Enhanced customer engagement through interactive features.

### Types of E-Commerce Websites

- **Business-to-Consumer (B2C):** Direct sales to customers.
- **Business-to-Business (B2B):** Wholesale transactions between businesses.
- **Consumer-to-Consumer (C2C):** Platforms for individual sellers.
- **Consumer-to-Business (C2B):** Individuals offering services to businesses.
- **Subscription-Based:** Recurring revenue model for subscriptions.

### Technologies Used in E-Commerce Development

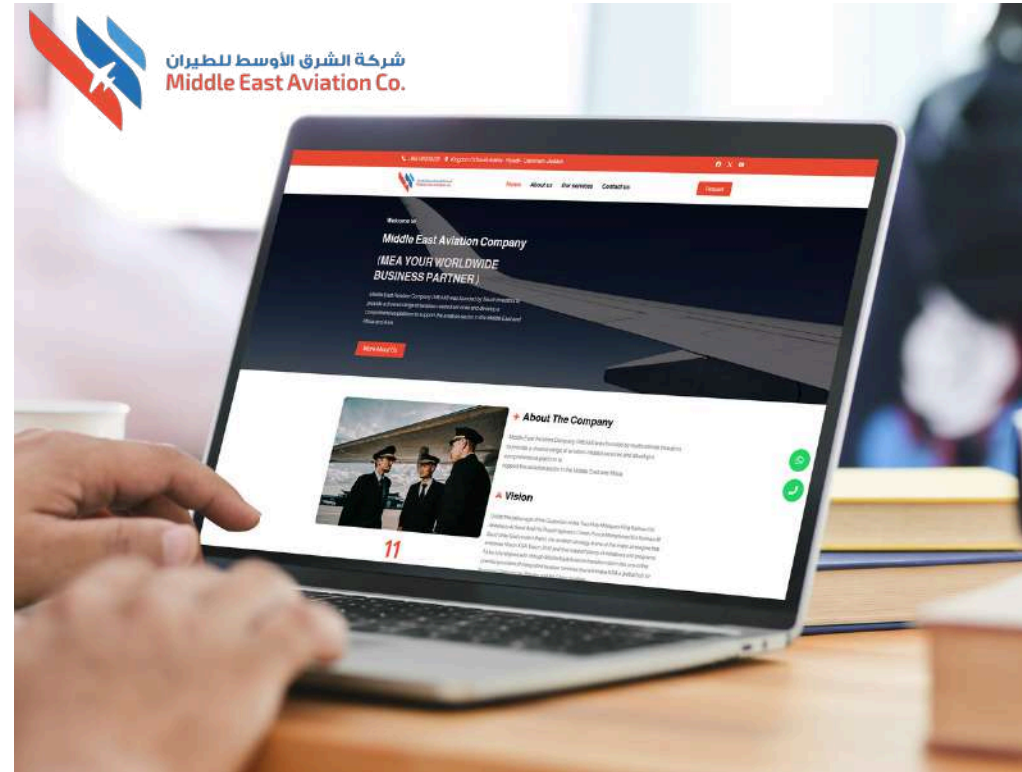
- **Front-End Development:** HTML, CSS, JavaScript, React, Angular, or Vue.js.
- **Back-End Development:** PHP, Python, Ruby, or Node.js.
- **Database Management:** MySQL, PostgreSQL, or MongoDB.
- **E-Commerce Platforms:** Shopify, WooCommerce, Magento, BigCommerce.
- **Security:** SSL certificates and PCI compliance for secure transactions.

## UI / UX Designs

UI/UX design focuses on creating intuitive, user-friendly, and visually appealing interfaces that enhance the overall user experience. UI (User Interface) design emphasizes the look and feel, including elements like color schemes, typography, buttons, and layout. UX (User Experience) design focuses on functionality, usability, and the ease with which users interact with a product or system. Together, UI/UX design ensures that users can navigate applications or websites effortlessly, achieving their goals efficiently while enjoying a seamless and engaging experience. This process involves user research, prototyping, wireframing, usability testing, and iterative improvements to deliver solutions that align with user needs and business objectives.

# Our Portfolio

[www.mashreqgulf.com](http://www.mashreqgulf.com)





# Contact Information

## Location :

Dammam – Jubail –  
Riyadh – Jizan – Jeddah –  
Madinah – Kingdom of  
Saudi Arabia

## Websites :

[mashreqgulf.com](http://mashreqgulf.com)

## Phone :

+966 013 8638886

## Ext :

2030, 3013

## Email :

[info@mashreqgulf.com](mailto:info@mashreqgulf.com)

