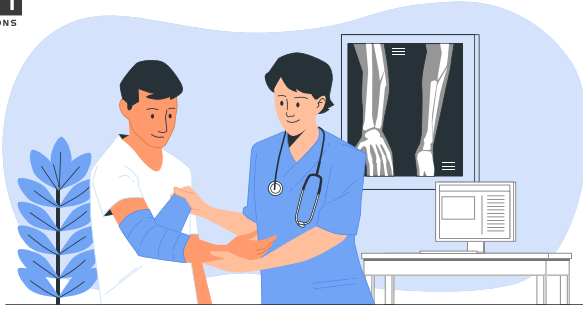


# Patient Management System (PMS) with EHR



A leading clinic chain in south-east Asia needed a comprehensive Patient Management System (PMS) integrated with the National Health EHR, managing appointments, consultations, and payments while ensuring data security and seamless EHR integration.

## Challenges

Some of the critical and important challenges were:

- Management of various comprehensive patient visits.
- Data security of sensitive patient information.
- EHR compliance.
- Capability of real-time and offline data sync with other systems

## Solution

- A robust PMS system designed and developed to streamline and enhance the clinic's operations with:
- Robust integrated workflows for
  - Online appointments
  - Queue management
  - Consultations
  - Diagnoses
  - Dispensing
  - Payments
- **Data security:** Encrypted storage and masked display of patient details.
- **EHR integration:** Securely store and retrieve visit details, health complaints, and consultations integrating with the national EHR system.
- Ensure data consistency and availability with EHR interaction and periodic synchronization.



## Impact

The Patient Management System implementation yielded:

- **Enhanced experience:** Streamlined workflow, reduced wait times, and improved efficiency.
- **Improved security:** Encryption and data masking built patient trust.
- **Compliance and efficiency:** EHR integration ensured regulatory adherence.
- **Operational continuity:** Offline sync-maintained data integrity.
- Aligned operations with national healthcare standards.

