AVEEROUS
HOSPITAL SOLUTIONS

THE HEART OF YOUR HEALTHCARE

Aqueporis
Hospital Solutions

SOLUTION
PROFILE

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OUR COMPANY

We strongly believe that Information and Communication are critical to the success of health facilities, due to the rapid growth in medical treatments and the advancement of healthcare facility, hence we in Dimensions Information Technology decided to develop Aveerous HIS focusing on information and communications simply because:

- Data is used literally in all the hospital departments and by all employees

- Data volume is huge, and required effective management

- The same data is required many times and making it available will result in a lot of timing saving

Aveerous HIS is developed to be the memory and nervous system of healthcare facilities, enabling effective and efficient hospital management, for the comfort and safety of patients. Integrations with external devices and system used in healthcare facilities are carried out smoothly with no hassle at all.

"DEVELOPED TO BE

THE MEMORY & NERVOUS

SYSTEM OF HEALTHCARE

FACILITIES"

"ALL IN ONE"
SMART HOSPITAL MANAGEMENT SOLUTION

Hospital Solutions

Aveerous is a web-based "All-in-One" intelligent hospital management solution available to be used by patients, physicians, and Hospital staff. All-in-One includes Hospital Website/Portals, Patient & Staff management, Appointments, IPD, OPD, Pharmacy, Accounting, Detailed Reporting and more

AVEEROUS IS NOT ONLY
COMPREHENSIVE & INTELLIGENT,

- Contains all features required to operate the hospital efficiently

- Accessible from anywhere in the world, and using any devise, enabling patients to manage appointments and physicians can view and manage patients records, appointments and more...

- Access to the system is managed using Authority Based Matrix, each user privileges are configured in accordance to hospital rules and policies

- Has a very impressive look and feel for patients to interact with

- Accreditation's enabler, the system is in Compliance with major International Standards

- Patients' portal will initiate the establishment of hospital community

- Has a customizable dashboard to provide hospital management to monitor and track key indicators and performances

- Aveerous System is capable of sending a pre-configured notifications to patients and staff including birthday greeting and document approvals etc

Standard Edition-
Modules

Patient Registration
and Front Desk

Enables front-desk staff to operate efficiently in the process of entering new patient's demographics and Insurance details, generate a unique ID number for every patient to associate future medications and encounters

Electronic Medical
Record (EMR/EHR)

A secure and comprehensive medical record that contains information on all of the patient's demographic data and past encounters, consultations, medications, operations, reports, transfers and more.

Casualty Emergency
Management

Enables medical staff to handle ER patients' efficiently, obtaining EMR for registered patients, perform and document all treatment, diagnosis, patient condition on arrival, nursing assessments, physician orders and more. For serious cases that need urgent treatment the system will create a temporary identification until patient's real identity is known.

Appointment &
Scheduling

Using this module, Receptionist and Call Center staff can book and schedule appointments with specific physician, departments, Operating Theater, or machine. Using this module however, patients can book an appointment with physicians

Outpatient
Clinics

Enables medical staff to interact with Out-Patients effectively, retrieve Registered Patient's EMR Data, perform assessment of the patient's current conditions ,record complain, diagnosis, enter past medical history for new patients, request test orders, prescriptions, and create follow-up appointment request.

Triage &
Nurse Station

Initiates initial patient assessment, triage nurse performs a full assessment of patient's conditions prior the transfer to the physician, the assessment will document patient complains, vital signs, warnings and allergies, and more. Additional triage ability for specialized clinics clinic is also supported, such as eye vision and dilate documentation for ophthalmic

In-Patient/Admission
Management

Enables the medical staff to manage patients admissions into the facility, check patient medical history , retrieve registered EMR Data, diagnosis , physician orders, Test-Order Tracking, and even patient transfers from one ward to another.

Service Order
Processing, CPOE

Enables physicians to perform automated, direct, orders for medications, diagnostics tests (laboratory, radiology, pathology and other) in addition to daily orders for observations, dressing change, position change and way more. The orders are fully automated in a workflow to save efforts and time in processing the order.

Bed Management/
Ward Transfer

Provides the ability to manage the hospitality part within the hospital, allocating and transferring patients to beds, as well as evacuation and cleaning services

Diagnostic Laboratory
and Pathology

Enables the laboratory technician to receive internal or external test orders and manage the full process of accepting the order, invoicing, transfers if r equired send to another laboratory. Using Aveerous, results will be dispatched electronically to the physician made the order or print-out results to the patient

Diagnostic
Radiology

Enables Radiology lab technician to receive internal or external test orders and manage the full process of accepting the order, invoicing, transfers if required to send to another labs. Using Aveerous, results will be dispatched electronically to the physician made the order or print-out results to handover to the patient

Surgical
Theater

This module intended to administer the operating room's medical and non-medical activities by managing appointment scheduling, theater related personnel (surgeons, anesthetist, nurse, technician, etc.), surgical materials, management of patient's operation cycle starting from the pre-operation checklist, documenting the Interoperation note which includes the nurse notes, anesthesia monitoring, sign-in and sign-out notes in addition to time out and post-operative phase, ending up with physician operation notes and post operations checklist and initiate the transfer of recovered patient's to the inpatient ward to complete the treatment plan.

Pharmacy
System

Designed to enforce effective management of all pharmaceutical related business processes, receiving and dispatching items as per orders, and prepare medication plan for patients. More-over, the pharmacist can track the administration using Kardex view. The Module also enables pharmacist to manage and track home-medication doses, and Narcotics controlled medication.

Point of
Sale

Enables the usual point-of-sale processes and management of balances and dispensing the prescribed items on the physician order.

Patient Billing
and Accounting

Enables the management of all billing-related functions and activities, such as, invoicing, discounts, , generating patients balance statements with detailed information about amounts owed by patients in return for the services provided by the hospital. It is designed to consider any package agreements between the hospital and establishments and to track agreements terms and conditions.

Discharge Management/
Discharge Request

Provides control on the discharge process for patients from the hospital, clinics, or the emergency department by issuing a discharge report and ensuring that all discharge requirements are completed, from termination of treatment to financial clearances.

Insurance &
Claims Management

Using Aveerous system, insurance price lists are defined, and when a patient is linked to any insurance company, bills and services are scheduled accurately based on the agreed terms, and patient accounts and insurance claims are followed up in an easy, fast and efficient manner.

Form
Builder

This tool gives the user the ability to create different forms (as screen or printable format) and have them embedded within the system such as Consent forms.

Reporting

Set of various reports are ready defined and available in the system, these are based on given attributes and periods, which gives the ability to perform daily, monthly and annual reports using high-accuracy standards and using various data selected by the users to help them to operate the hospital efficiently

Administration &
Data Setup

Enables the System Admin users to define and manage system's parameters that are used through the system. Such as price lists, department's rooms and beds, list of values, warehouses, drugs, procedures, services, and more.

Consultation

It allows Physicians to receive Consultation Orders through the system, review the order and request whatever needed to make the proper consultation, perform a consultation and update the Patient file with notes and may be orders for other services, he may also request consultation from other physicians.

Laundry

In this module, laundry processes are managed and performed. Laundry orders from all departments are received in this module, such as dirty
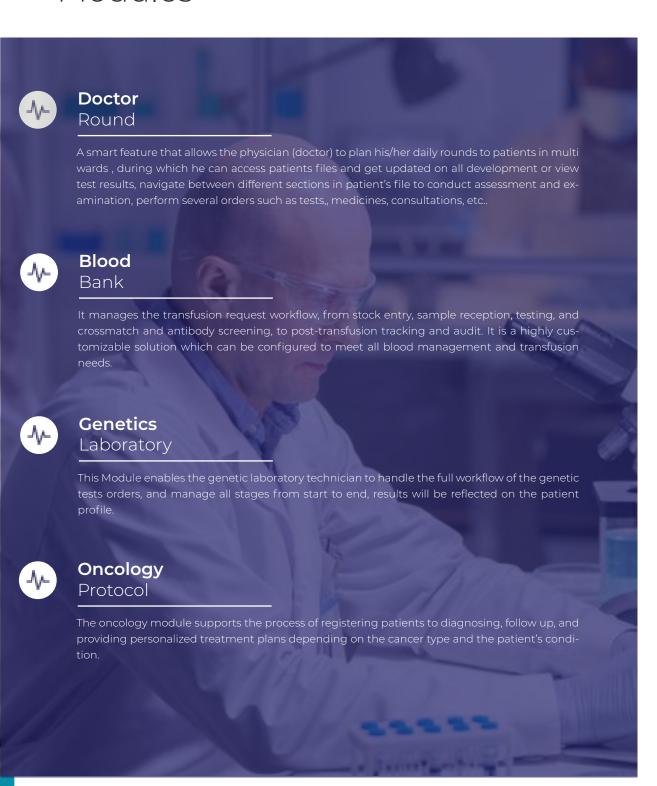pillows, clothes, blankets and so on.

PACS
Integration

System has the ability to be integrated with the PACS systems, in which physician radiology orders can be sent to the PACS worklist, and also to open the PACS viewer and PACS written reports from Aveerous system.

Enterprise Edition-
Modules

Doctor
Round

A smart feature that allows the physician (doctor) to plan his/her daily rounds to patients in multi wards , during which he can access patients files and get updated on all development or view test results, navigate between different sections in patient's file to conduct assessment and examination, perform several orders such as tests,, medicines, consultations, etc..

Blood
Bank

It manages the transfusion request workflow, from stock entry, sample reception, testing, and crossmatch and antibody screening, to post-transfusion tracking and audit. It is a highly customizable solution which can be configured to meet all blood management and transfusion needs.

Genetics
Laboratory

This Module enables the genetic laboratory technician to handle the full workflow of the genetic tests orders, and manage all stages from start to end, results will be reflected on the patient profile.

Oncology
Protocol

The oncology module supports the process of registering patients to diagnosing, follow up, and providing personalized treatment plans depending on the cancer type and the patient's condition.

Obstetrics

This module aims to control all processes that are performed during antenatal pregnancy check-ups and labor. Healthcare staff including physicians, nurses, and midwives utilize Obstetrics to track and record antenatal visits efficiently, and also track fetal development and record ultrasound readings precisely. At the end of pregnancy journey, this module also provides the ability to track and monitor the delivery process through WHO partograph, ending up with childbirth, record delivery information and newborn parameters.

Sterilization

Using this module, sterilization process for all items and equipment are managed and tracked. Through this module, the sterilization order for used items that sent from any department are received, documentation of all sterilization steps; washing, cleaning, drying, and packing. In addition to manage the machine sterilization tests

Physiotherapy

This module is intended to receive physician order on-line, create a physiotherapy plan, schedule the plan as per patient and resources availability, track the session progress, generate full assessment report and develop a follow-up plan. All assessments reports will be reflected in the Patient EMR.

Nutrition

Using Nutrition Module, the nutritionist will perform nutrition assessment for the patient conditions, needs, and taking in to account the Physician order, nutritionist will develop a complete plan for the patient and schedule a follow-up sessions for the future

Catheterization

Allows the medical staff; nurses, anesthesiologists, and physicians to manage and control the catheterization operations from receiving the order, to pre and post assessment , catheterization procedures ending up with filling the catheterization report by the surgeon physician.

Procedures
(ERCP, Endoscopy)

Using this module, Medical staff; nurses, anesthesiologists, and physicians are able to manage and control the requested medical procedure for the patients, by receiving the procedure request on-line and perform the required assessments pre and post the procedure; nursing assessment and anesthesia record –if required- , ending up with filling the procedure report based on the procedure performed, by the physician.orders, prescriptions, and create follow-up appointment request.

Specialty Practice
Management

The system is designed to offer professional features and screens specialized departments like intensive-care unit to enable medical staff and decision makers to work much conveniently and efficiently, by providing various tools and capabilities to help in observation, monitoring, treatment and more. Here is a sample of Intensive care screens (NICU, PICU, ICU, Obstetrics, Ophthalmic, Cardiology, and other)

Morgue

This module is intended to manage and control the Morgue facility from receiving the Patient Body along with personal information, encounters info and final diagnostics. The module will allocate a refrigerator and shelf for the body, generate a receipt slip and death report for patient family to sign when receiving the body.

Transportation

Through this module, orders can be created on-line, the process is tracked and managed.Transportation can be done for a patient, staff, or even items. Trip details can be managed through this module, such as destination, departure time, arrival time, car used, fuel amount, driver, and more.

HR &
Payroll

HR is maintained and managed by separate application called SVEN, fully integrated with Aveerous and cover all Healthcare HR requirements. SVEN is a robust set of best-in-class human resources functionality that enables managers to manage resources effectively, and lower cost of internal communication. SVEN consist of various modules that designed to help employees and management perform at their full potential, one of the key modules of SVEN is "Roster Management" which enable rostering of manpower in shift considering the internal policies of the hospital

Physician
Agreement

This module is intended to define the physicians engagement with the hospitals, including terms and conditions, commission/share on services with different attributes(matrix), and perform the calculations based on all the attributes for each physician. The module can integrate with any ERP application.

Maintenance

Provides the ability to define assets and machines with their distribution within the facility, helps to organize periodic maintenance operations in addition to tracking any malfunctions. It is also used to assign tasks to maintenance personnel and following up on the progress of the registered tasks

Purchase
Requisition

Through Requisition Module, authorized hospital staff can submit a requisition order for their department's supplies, follow up on their orders and manage the receipt of the items at delivery time. The module also can generate a consumption report for items consumed over deferent periods.

Material
Management

Material Management Module is intended to assist departments in Hospitals to manage and control materials transactions with-in their departments such as Load-in and Load-out, manage Items transfers and refill orders. For internal departments, responsible nurse can manage medication administration reconciliation through this module too. It is also designed to manage the stock input-output procedures for the consumables (medicine, consumable, and fixture) kept in the hospital storage, pharmacy, operating room and laboratories. All transactions will be reflected directly in the ERP system automatically

ERP
Integration

Full integrations with most ERP systems is ready using this module, transactions such as invoices, payments, inventory are all posted through the system.

Machine
Interfacing

This is an integration module to connect external medical equipment's installed in various departments at the hospital, mainly to capture data automatically and avoid date loss or data errors.

E-Claims &
E-Prescriptions

E-Prescriptions handle the process of prescribing and dispensing medications automatically, in direct manner without possible errors and delays. E-Claims helps in rapid communication with insurance companies to obtain claims revenue without any delays too.

Patient Self
Service and Portal

Allows patients to perform some activities remotely, such as booking appointments for clinics or specific physician or test, following up on booked appointments, and enables patients to view personal record and previous reports. The module is also available as Mobile App to enable patients access the same data using their mobile sets. The application also provides the ability to follow up with other dependents whom you are responsible for, such as mother, father and your kids.

Notification
System

This module gives the ability to define different type of notifications based on different events such as Birthday, Approval Request, Document Expiry…etc. it gives the ability to configure the notification according to the business needs, notification can be SMS or email..

Management
Dashboard

Using this module users can maintain a continues monitoring and follow-ups on their KPIs, it also serve as an electronic surveillance tool for critical parameters.

Report
Design Tool

This tool gives the user the ability to design and organize different reports and export them in various format in addition to print them

Assessment
Builder

This tool gives the user the ability to create different assessments screens and have them embedded within the system.

Child
Growth

This module is used to track infant and children growth parameters. It enables Pediatrician to view and track key measurements related to infant growth and well-being, all results are presented graphically and relevant benchmark
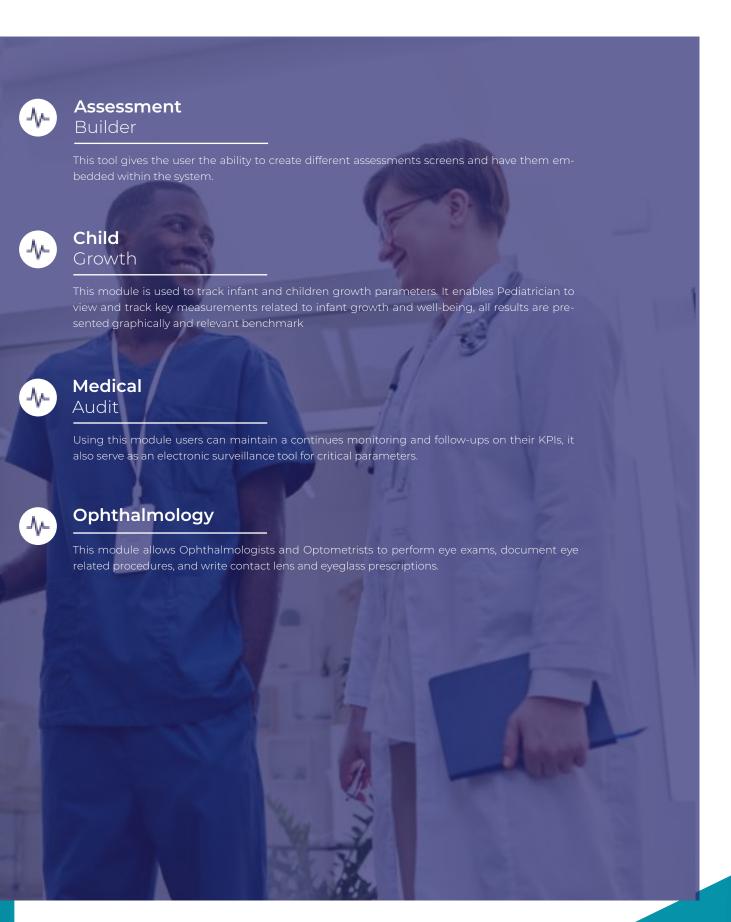
Medical
Audit

Using this module users can maintain a continues monitoring and follow-ups on their KPIs, it also serve as an electronic surveillance tool for critical parameters.

Ophthalmology

This module allows Ophthalmologists and Optometrists to perform eye exams, document eye related procedures, and write contact lens and eyeglass prescriptions.

MISSION, VISION
& VALUES

MISSION

Enable healthcare professionals to be efficient & deliver quality services

VALUES

- Accountable
- Service Oriented
- Teamwork efforts
- Deliver on promise

- Highly professional
- Healthcare solution expert
- Work for today & think for tomorrow

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