

Advantages

Timely Detection and Response

Rapid identification of outbreaks or unusual health events

Rapid Standardisation

Standardisation and consistency in the data collected and reported across all centers can be designed on the get go

Comprehensive Data Analysis

Easier trend analysis and correlation discovery

Resource Optimisation

Efficient allocation of medical resources based on real-time data

Improved Communication

Streamlined channels for information dissemination

Data Security

Robust measures to protect sensitive health data

Capacity Building

Enhanced training programs for health workers

Integration with Other Systems

Holistic view of public health through system interconnectivity

Efficient Data Management

Integrated storage ensures easy data management and backup

Economies of Scale

More efficient and cost-effective streamlined functions

FAQ

Q : What is SESS?

A : *The Seamless Epidemiological Surveillance System (SESS) is a digital solution by Hayat for centralised disease registration and analysis.*

Q : Is the system adaptable to changing healthcare needs?

A : *Yes, SESS is designed to be flexible and configurable, ensuring it adapts to the evolving needs of the location or country where its implemented.*

Q : How does SESS ensure data security?

A : *Through uniform security measures, SESS safeguards sensitive health data against unauthorised access and breaches.*

Q : Can SESS be integrated with other health systems?

A : *Absolutely. SESS can seamlessly connect with other health information systems, labs, and research institutions.*

Q : Who primarily uses the SESS?

A : *Healthcare professionals, government officials, and policymakers.*

Q : How does SESS help in public health campaigns?

A : *By providing real-time data on disease outbreaks, SESS aids in focusing public health campaigns more effectively.*

About Hayat Technologies

Hayat Technologies is a pioneering tech company that harnesses the power of AI, machine learning, and Big Data Analytics to deliver innovative solutions. With a focus on public health, wellness, and lifelong care, Hayat Technologies strives to deliver cutting-edge technology to empower individuals, communities, and decision-makers worldwide.

Through our foundation, projects, and global presence, we've established a strong track record.

Join us in exploring new possibilities together.



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SEAMLESS EPIDEMIOLOGICAL SURVEILLANCE SYSTEM



Product Brief

What is it ?

A unified, seamless and agnostic digital platform designed for diseases surveillance, offering an organised, centralized and comprehensive database that monitors different health metrics to facilitates data-driven decisions and aids in forming health policies for disease prevention & outbreak response.

How is it used ?

Users, primarily healthcare professionals and government officials, access the system to input and analyse data related to various diseases. They can design disease registration forms, have multiple users with different roles and permissions, and view comprehensive reports on disease trends across various metrics.

What are the outcomes expected ?

By using SESS, the nation gains timely insights into disease trends, enabling rapid response to potential outbreaks. The system also ensures standardised data collection, centralised information management, and a more streamlined approach to health policy formulation.

Problem Statement

Challenges

Managing and tracking the spread of diseases requires timely, accurate, and standardised data. Currently most infectious diseases are tracked separately in silo. In the absence of a unified system, there are inconsistencies, delayed responses, and a lack of actionable insights.

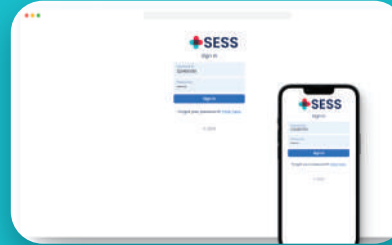
Solutions

Hayat's Seamless Epidemiological Surveillance System offers a unified platform to register, manage, and analyse disease data, ensuring that the country stays one step ahead in its battle against health threats.

Content / Modules

Sign In

Using your national ID & a custom password



Dashboard

Visualize case registration history, total registered patients and current active cases



Search Records

Search through all records and access patient details

Full Name	National ID	Registration Date	Registered by	Status	Action
Abdullah Al-Hadi	999999999	2023-08-15	Dr. Ahmad	Active	View
Abdullah Al-Hadi	999999999	2023-08-15	Dr. Ahmad	Active	View
Abdullah Al-Hadi	999999999	2023-08-15	Dr. Ahmad	Active	View
Abdullah Al-Hadi	999999999	2023-08-15	Dr. Ahmad	Active	View

Case Details

Follow up with patients with a special view optimized for disease tracking



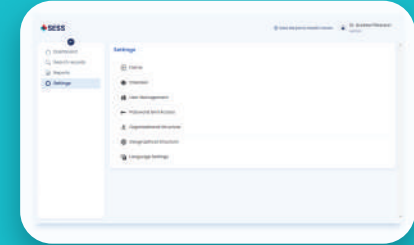
Reports

Easily generate reports of cases and patients, filtering by date

Serial	Name	Registration Date	Age	Sex	Case Status
1	Abdullah Al-Hadi	2023-08-15	30	Male	Active
2	Abdullah Al-Hadi	2023-08-15	30	Male	Active
3	Abdullah Al-Hadi	2023-08-15	30	Male	Active
4	Abdullah Al-Hadi	2023-08-15	30	Male	Active
5	Abdullah Al-Hadi	2023-08-15	30	Male	Active
6	Abdullah Al-Hadi	2023-08-15	30	Male	Active
7	Abdullah Al-Hadi	2023-08-15	30	Male	Active
8	Abdullah Al-Hadi	2023-08-15	30	Male	Active
9	Abdullah Al-Hadi	2023-08-15	30	Male	Active
10	Abdullah Al-Hadi	2023-08-15	30	Male	Active

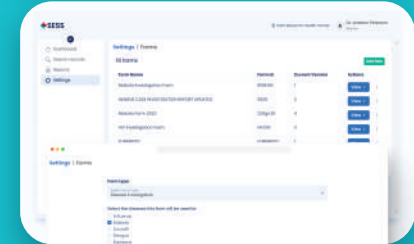
Settings

Main control module with which admins can manage the entire application



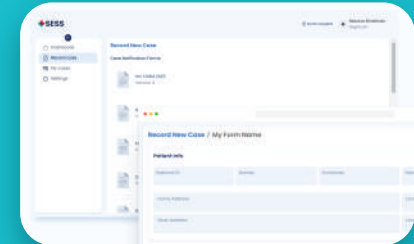
Forms Module

This module allows admins to add new investigation or notification forms to the application



Record New Cases

Easily add new cases and register new patients using a set of forms predefined by the admin



My Cases

Using your national ID & a custom password

