



وزارة التربية والتعليم

نور

Digital MOE

Who We Are:

A leading Egyptian joint stock company in the field of education, working in the areas of school management, designing and developing educational curricula, teacher development programs and building technological educational solutions.

Recognition:

- Presidential Recognition for Innovation in Education.
- UNICEF Global recognition for Innovation in Sustainable Educational Solutions.
- Recognition by the Egyptian Ministry of Communications and Information, Ministry of Planning and Economic Development.

Projects:

- Egypt
- UAE
- USA



Developed Solutions



Education:

- Supportive Curricula
- Augmented Reality



Finance:

- Payment Solution
- School Finance Management



Management:

- Educational System Flow Automation
- Human Resources Management System



Our Solution

Creating one portal the combines:

1. Account/ Dashboard for every stakeholder
2. Real-time Data
3. Automating Processes
4. Management & Oversight



الاشعارات
معلوماتي

الرئيسية



طالب



ولي أمر



المعلم



مدرسة



المديرية التعليمية



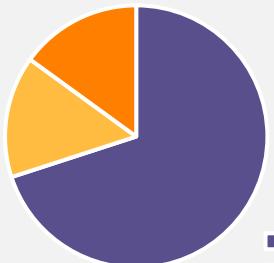
وزارة التربية والتعليم



متابعة إجمالي عدد المدارس

إجمالي

المرحلة التعليمية



١٧,٠٠٠ مدرسة

- حكومي
- خاص
- دولي

متابعة إجمالي عدد الطالب

إجمالي

المرحلة التعليمية



٢٣,٠٠٠,٠٠٠ طالب



متابعة الامتحانات



مواعيد الامتحانات

البيانات الاحصائية



١,٤٠٠,٠٠٠ مشاهدة



١,٠٨٠,٠٠٠ مشاهدة



٥٠٠,٤٠٠,٠٠٠ مشاهدة



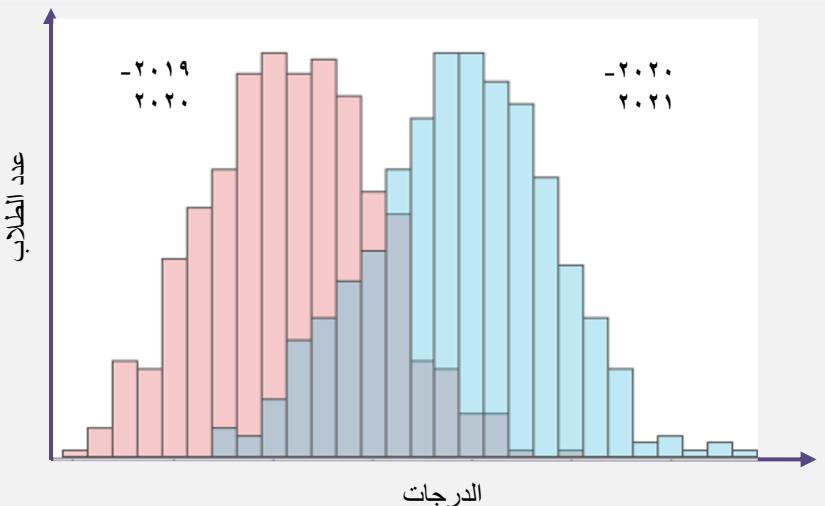
وزارة التربية والتعليم والتعليم الفني



تسجيل الخروج

[الاشعارات](#)[معلوماتي](#)[الرئيسية](#)

إحصاء بتكرار درجات طلاب العام الحالي والمجموع الكلي

[علمى علوم](#)[الشعبة](#)[▼](#)[الثالث ثانوي](#)[الفصل](#)

متابعة الامتحانات - تقارير

[عدد الحاصلين على المجموع](#)[إجمالي](#)[التبـعـيـة](#)[إجمالي](#)[الـمـحـافـظـة](#)[الـثـالـثـ الثـانـوـي](#)[الـمـرـحـلـة](#)[إجمالي](#)[ذـكـورـ إـنـاثـ](#)[٢٠٢١-٢٠٢٠](#)[٢٠٢٠-٢٠١٩](#)[الـسـنـةـ الـدـرـاسـيـة](#)[حفظ PDF](#)[حفظ ملف إكسيل](#)[وزارة التربية والتعليم والتعليم الفني](#)[بيانات اللحظية](#)[بيانات الطلاب](#)[بيانات المديريات](#)[بيانات المدارس](#)[تطوير المعلمين](#)[متابعة الامتحانات](#)[بث حي](#)[إحصاءات](#)[تقارير](#)

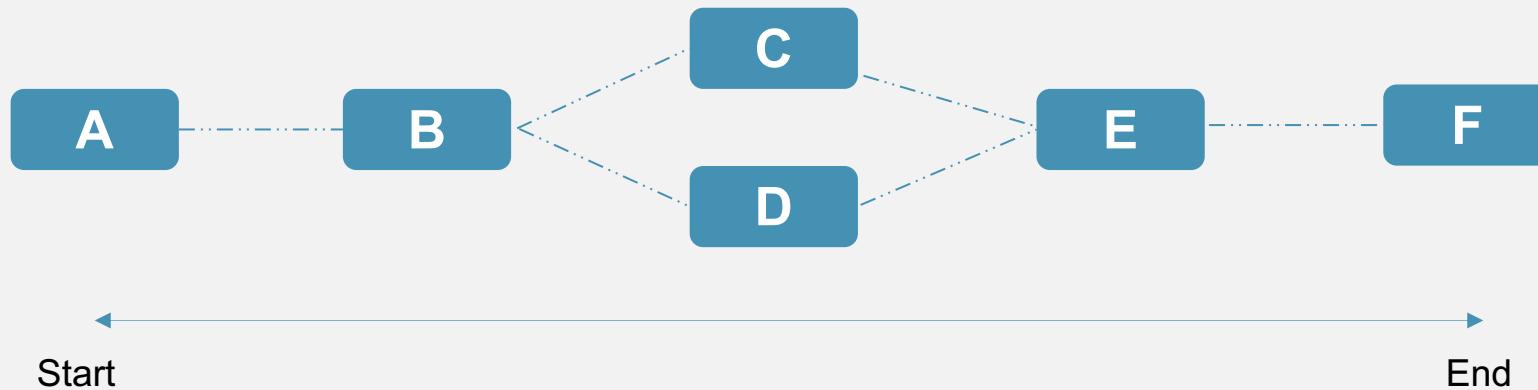
Educational System Flow Automation



Requirements:

1. Task Flow
2. User Accounts
3. Data

Task Flow:



Step One: Identify Functions

CORE FUNCTIONS

Core functions conducted by the Ministry of Education:

- Student Administration
- Special Education Needs
- Staff Professional Development

SUPPORT FUNCTIONS

Functions that support Core functions; such as:

- Budgeting
- Accounting
- Inventory
- Technology Availability

GOVERNANCE FUNCTIONS

Other functions within the Ministry of Education guiding both Core functions:

- Internal Audit
- Legal Advisory
- Internal Audit

Step Two: Technology Opportunity Assessment

Technology Opportunity Assessment- Core Functions



CORE FUNCTIONS

Alternative School Delivery Models & Modifications	Child Safeguarding	Curriculum, Assessment Development & Design	System and School Improvement	Student Behavior Management
- Student Information System	- Student Information System	- Learning Mgmt. System - Digital Assessment System - Student Information System - Content Creation - ECM - Immersive Technologies	- School Improvement System - Student Information System - ERP: HRIS/ FIS - Enterprise Content Mgmt.	- Student Information System
Gifted & Talented Students	Master Plan Projects	Master Planning	Central Assessment and Reporting	Parental Engagement
- Student Information System - Learning Mgmt. System	- Enterprise Asset Mgmt. System - Student Information System - HRIS (Integration)	- Enterprise Asset Mgmt. System - Student Information System - HRIS - Enterprise Content Mgmt. - Construction	- Digital Assessment System	- Customer Relationship Mgmt. - Student Information System
School Academic Counseling	School Career Counselling	School Counselling	School Events and Extra-curricula	School Health Management
- Student Information System - Counselor - Career Mgmt.	- Student Information System - Counselor - Career Mgmt.	- Student Information System - Counselor - Career Mgmt.	- Student Information System	- Student Information System
School Nutrition Management				
				- Canteen Mgmt. - Student Information System

■ LEVEL 1: Capability is typically unsupported by applications.

■ LEVEL 2: Capability is somewhat supported by applications.

■ LEVEL 3: Capability is moderately supported by applications.

■ LEVEL 4: Capability is well supported by applications.

Technology Opportunity Assessment- Core Functions



CORE FUNCTIONS

School Planning	School Staff Recruitment and Onboarding	School Staff Career Development	School Staff Compensation and Benefits	School Staff Data	School Staff Grievances and Disciplinary Proceedings
- Student Information System	- Talent Assessment and Recruitment System - HRIS	- Enterprise Resource Planning - HRIS	- Enterprise Resource Planning - HRIS	- Enterprise Resource Planning - HRIS	- Enterprise Resource Planning - HRIS
School Staff Leaves and Separations	School Staff Professional Development	School Staff Wellbeing	School Transportation Mgmt.	Special Education Needs	Student Career Programs
- Enterprise Resource Planning - HRIS	- LMS - Enterprise Resource Planning - HRIS and FIS (Integration) - Enterprise Content Mgmt.	- Enterprise Resource Planning - HRIS	- Student Information System	- Student Information System - LMS	- Career Mgmt. - Student Information System



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Technology Opportunity Assessment- Support Functions



SUPPORT FUNCTIONS

Contracts Mgmt.	Facilities Mgmt.	Capital Projects	Enterprise Health & Safety	Inventory Mgmt.	ESE HQ & Sector Staff Talent Acquisition
<ul style="list-style-type: none"> Enterprise Resource Planning - Human Resource Information System Enterprise Resource Planning – Supply Chain Management 	<ul style="list-style-type: none"> Enterprise Asset Mgmt. System 	<ul style="list-style-type: none"> Enterprise Project Mgmt. System CAD Enterprise Asset Mgmt. System 	<ul style="list-style-type: none"> Environmental Health And Safety 	<ul style="list-style-type: none"> Enterprise Resource Planning – Supply Chain Mgmt. Enterprise Asset Mgmt. System (integration) ITSM (integration) 	<ul style="list-style-type: none"> Talent Assessment and Recruitment System HRIS
ESE HQ & Sector Staff Performance & Career Development	ESE HQ & Sector Staff Learning & Development	ESE HQ & Sector Staff Compensation & Benefits	ESE HQ & Sector Employee Relations & Services	Technology - Business Partnering	Technology - Enterprise Architecture
<ul style="list-style-type: none"> Enterprise Resource Planning - Human Resource Information System 	<ul style="list-style-type: none"> Learning Mgmt. System Enterprise Resource Planning - Human Resource Information System 	<ul style="list-style-type: none"> Enterprise Resource Planning - Human Resource Information System 	<ul style="list-style-type: none"> Enterprise Resource Planning - Human Resource Information System 	<ul style="list-style-type: none"> IT Service Mgmt. 	<ul style="list-style-type: none"> Enterprise Architecture System
Technology- Change Mgmt.	Technology - Release and Deployment Mgmt.	Technology - Problem Mgmt.	Technology - Incident Mgmt.	Technology - Service Request Mgmt.	Technology - Identity and Access Mgmt.
<ul style="list-style-type: none"> IT Service Mgmt. DevOps Mgmt. 	<ul style="list-style-type: none"> DevOps Mgmt. IT Service Mgmt. Automated Testing 	<ul style="list-style-type: none"> IT Service Mgmt. 	<ul style="list-style-type: none"> IT Service Mgmt. Intelligent Assistant 	<ul style="list-style-type: none"> IT Service Mgmt. Intelligent Assistant 	<ul style="list-style-type: none"> IT Service Mgmt. Security Enabler

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Technology Opportunity Assessment- Core Functions



SUPPORT FUNCTIONS

Technology - Configuration and Asset Mgmt.

- IT Service Mgmt.
- ERP SCM (integration)

Technology - Availability Mgmt.

- IT Service Mgmt.
- Infrastructure Monitoring Tool

Finance – Budgeting & Reporting

- Enterprise Resource Planning – Financial Information System

Finance – Treasury & Asset Mgmt.

- Enterprise Resource Planning – Financial Information System
- Enterprise Asset Management

Finance – Accounting

- Enterprise Resource Planning – Financial Information System

Procurement – Planning

- Enterprise Resource Planning – Supply Chain Management

Procurement – Manage Sourcing

- Enterprise Resource Planning – Supply Chain Management

Procurement – Manage Suppliers

- Enterprise Resource Planning – Supply Chain Management

Procurement – Manage Purchasing

- Enterprise Resource Planning – Supply Chain Management
- ERP FIS (integration)

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Technology Opportunity Assessment- Support Functions



GOVERNANCE FUNCTIONS



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Next Steps:

1. Identify MOE's priority needs and tasks
2. Create a pilot phase plan and timeline
3. Implement pilot phase



Thank you