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WP1.2

Management Information Systems (MIS) installed In Governmental Universities

MOHE
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I. University Management Information Systems (UMIS) Version 1

System was developed by a private company and managed and operated by ICTP. The system serves government universities and is composed of four main modules: Student affairs, Staff Affairs, Post graduate Affairs, and Culture relation Relationship Affair.

- The system was built using Microsoft SQL Server , C# , ASP.Net based on windows server platform
- The system is installed in the universities and all of them have the source code
- A lot of development was done to meet the needs of each university resulting a wide variety of useful applications the can be shared between universities
- Support Electronic Payment
- The weak point of UMIS is *the module that calculates the Granted Degrees For failed Student* and it was improved by developing separate modules customized to each university due to different regulations
- The advantage of the system that it is free and open can be modified and developed by universities and it covered all the topics



II. Mansoura University System

System was developed by Mansoura University CITC center to serve MIS in Mansoura University. The system is composed of 8 modules: Student affairs, Staff Affairs, Post graduate Affairs, Culture relation Relationship Affairs, HR, Finance and Payroll, Quality, Dormitories and accommodation. (Alfarouk , ibn al hatham, Farabi).

- The system was built using different platforms.
- The system is installed in 2 universities only.
- The source code is restricted.
- The weak point of Mansoura System is that the system is not open you must refer to Mansoura to modify any of the modules.
- The advantage of the system that it covers HR , finance, and quality.

III. MIS status in Universities

S	University	UMIS Version 1			Mansoura MIS System							
		Student	Staff	Post Graduate	Student	Staff	Post Graduate	Dormitories	HR	Finance	Quality	Councils
1	Cairo	✓										
2	Alexndria											
3	Ain Shams											
4	Assiout	✓	✓	✓					✓	✓		
5	Tanta	✓	✓	✓					✓	✓		
6	Mansoura				✓	✓	✓	✓	✓	✓	✓	✓
7	Zakazik	✓	✓	✓					✓	✓		
8	Helwan	✓	✓	✓					✓	✓		
9	Menia	✓	✓	✓	✓				✓	✓		
10	Menoufia	✓	✓	✓					✓	✓		
11	Suez	✓	✓	✓	✓				✓	✓		
12	South Valley	✓	✓	✓					✓	✓		
13	Benisuef	✓	✓	✓					✓	✓		
14	Fayoum	✓	✓	✓					✓	✓		
15	Banha	✓	✓	✓					✓	✓		
16	Kafr El Sheikh	✓	✓	✓					✓	✓		
17	Sohag	✓	✓	✓	✓					✓	✓	
18	Damahour	✓	✓	✓					✓	✓		
19	Sadat	✓	✓	✓					✓	✓		
20	PortSaid	✓	✓	✓					✓	✓		



21	Damietta				✓	✓	✓	✓	✓	✓	✓	✓
22	Aswan	✓	✓	✓					✓	✓		
23	Suez	✓	✓	✓					✓	✓		
24	New Valley	✓	✓	✓					✓	✓		
25	Matrouh											
26	Cairo University - Khartoum Banch											
27	Arish											

IV. System Functions

Following is a description of the different modules in UMIS and Mansoura systems:

<p>Student Affairs system</p>	<ul style="list-style-type: none"> • Student affairs bylaws • Integration with Tanseeq office • Load fresh student data • Review student data and link it by its bylaw • Review and organization of the Tanseeq process / internal distribution of the students • Review and organization of students into sections and groups • Load and registration of student courses • Create , load the student expenses ,print expenses and payment receipts • Registration of the rewards, excuses, punishment and irregularities of the student • Change and follow the enrollment status • Registration of student evacuation • Registration of the student military recruitment data • Registration of student training courses • Printing seats numbers of the students • Registration of student remittances • Students graduation data – granting decision – granting the scientific degree – delivery of the graduation certificates
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Exams and electronic control system	<ul style="list-style-type: none">• Recording of the scholastic subjects degrees• Calculating the results for each scholastic year• Prepare and create the main and sub control systems• Prepare the scholastic time table• Preparation of committees and places of observation Data of observers, observers and correctors• Recording the absences and fraud records• Printing Exam results
Staff Members affairs	<ul style="list-style-type: none">• Data of faculty members• Job data (career progression - job receipt - interruptions - assignments - transportation)• Cultural relations - meetings, scientific missions, missions, awards, awards and conventions• The list of sanctions, holidays and rules of application for each• Follow-up of the faculty member (vacations - sanctions - bonuses - Termination of the faculty member)
Post Graduate Affairs	<ul style="list-style-type: none">• Post graduate students bylaws• Registration of student and enrollment data• Review and organizing of students into sections and groups• Follow the requests of enrollment excuse and cancellation

	<ul style="list-style-type: none"> • Create , load the student expenses, print expenses and payment receipts • Recording courses degrees and calculate the final results • Follow and registration of the student research and thesis data • Registration of discussion and scientific reward degree committee
<p>HR- Employee affairs</p>	<p><u>HR System Data</u> Contains all employee data and accompanying changes from time to time, including personal data, social data, educational data and job related data</p> <p><u>System functions</u></p> <ul style="list-style-type: none"> - Entering and modifying personal data, - Entering and modifying social data including: General social data - Social status - Contact data - Recruitment data - Dependency data, - Entering and modifying Educational data including: scientific Degree , training courses, language data - experience data, scientific achievement for promotion for faculty and staff members , - Entering and modifying Job data including: administrative positions, Vacations, sanctions, employee absence, adding off organization working period, annual reports , Awards and appreciation letters, Assigning(Employee or staff) to another agency, salary withholding , job grades, Mandate - Financial Allowance – retiring Grant - Death Grant - Insurance Grant.
<p>Payroll system</p>	



	<p><u>System data</u></p> <ul style="list-style-type: none"> - Insurance - installment funds - housing expenses - vehicle subscriptions - association fees - other deals - bonus deductions - annuity premiums - bank premiums - medical services - union premiums - club subscriptions - refunds - company premiums - payouts - allowances <p><u>System functions</u></p> <ul style="list-style-type: none"> - Salary basic account calculation - Financial statements - Financial statements of the institution - Allowances - Allowances for the institution - creating Personal Financial file
<p>Educational Quality System</p>	<p><u>System Data</u></p> <ul style="list-style-type: none"> • Personal and educational data for students • Student Curriculum and regulations • Personal data of faculty members <p><u>System functions</u></p> <ul style="list-style-type: none"> • Course description • Report decisions • Academic Year plan • annual report • Description of academic programs • Academic Programs Report • courses schedules • Student questionnaires • General questionnaires for faculty members and students.