

Create a System of the Competitive Examination Committee (The Scientific Probation Exam) with the Private Colleges Working under the Environment of Excel

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Abstract— *We will employ the capabilities of Excel and our simple experience in the work of the examination committee for the past two years to prepare the exam system and programming it to serve the interest of the work of the examination committee, especially the college and the university in general.*

The system will prepare for the competitive examination committee, and to enter the details of the annual degrees of achievement of the competitive exam materials and the final exam score to calculate the final grade and to find some statistics and automatically by the system and for each role separately and all the participating colleges.

The outputs of the system will be all information required by the Committee.

Keywords— *committee, competitive, examination, sheet, statistics*

I. INTRODUCTION

Educational systems in information societies have been concerned with preparing individuals to prepare them for good use of computer and information technology to successfully overcome the computer and information gap in the future. The current era is characterized by rapid change, continuous cognitive explosion, social development, and education by nature and conditions based on constant change and continuous development for the better to suit the changes of the age. The change in education is more necessary and urgent as a result of rapid scientific and technological progress.

The first applications started since the computer entered the university environment in the university administration. These applications include a number of services, including personnel and financial affairs, student affairs, exams, assessment, records, university schedules, educational guidance, library management, It should not be underestimated the size of the services provided by the computer to the university administration, especially after the development of a set of programs that use the development of administrative work and increase accuracy, which made most university departments completely dependent on the completion of its administrative work on the computer and can not be dispensed with [1].

The computer management instruction (CMI) does not mean the use of computers in teaching or teaching, but what it means is the management of the educational process within the university, where teaching remains a teacher's task, and the management of the educational process by computer aims mainly to improve the educational process and increase its effectiveness , And this requires dealing with a large amount of data, some of them related to students and others related to the staff in the field of teaching and management, statistics and examinations, which can help the computer to address them accurately and quickly [2].

Therefore, the director must be aware of the prospects of educational development and the future of educational and technological, which are the most important of the development of the performance of school administration and education using information technology, because technological development in the educational field is not a luxury or a change in shape or appearance, but is an inevitable response and interaction necessary with the information and technology age [3].

II. MICROSOFT OFFICE EXCEL

Excel is an incredibly powerful tool for getting meaning out of vast amounts of data. But it also works really well for simple calculations and tracking almost any kind of information. The key for unlocking all that potential is the grid of cells. Cells can contain numbers, text, or formulas. You put data in your cells and group them in rows and columns. That allows you to add up your data, sort and filter it, put it in tables, and build great-looking charts [4].

III. PROPOSED SYSTEM

The system consists of several sheets. Start with the general information sheet. As we see in fig. 1, we enter the basic general information for each university and each college and details of the subjects... etc.

معلومات عامة حول الامتحان التنافسي	
الجامعة:	العراقية
كلية:	القانون
قسم:	القانون
المادة الاولى:	اصول المحاكمات الجزائية
استاذ المادة:	
المادة الثانية:	القانون الدولي الخاص
استاذ المادة:	
المادة الثالثة:	الاوراق التجارية
استاذ المادة:	
لسنة:	2017-2018
الدراسة:	الصباحية
تحويل الدرجة من 100 الى:	60

Fig. 1 Basic information.

The next sheet represents the details of the first subject from the subjects of the examination of scientific probity between universities. Where there are several details including the name of the subject and the name of the professor and the number of students and the number of absentees and the academic year and the type of study and details of the degrees of the subject of the annual degree and the final degree as shown in fig. 2. At the end of the sheet many statistics represent the standard deviation and success rate and other statistics as shown in Fig. 3.

جميع الحقوق محفوظة للجامعة العراقية/كلية القانون والعلوم السياسية/م. شهباء محمد										
الجامعة: العراقية	كلية: القانون	قسم: القانون	المادة:	اصول المحاكمات الجزائية	لسنة: 2018-2017	الدراسة: الصباحية				استاذ المادة:
0	تفاصيل درجة	عدد الطلاب	عدد المشاركين:	عدد الغياب:						
	السعي السنوي	223	211	12						
ت	الاسم	فصلي	يومي	نهائي	السعي السنوي	الامتحان التنافسي	الامتحان التنافسي	الامتحان التنافسي	الامتحان التنافسي	الدرجة النهائية
		من (40)	من (100)	من (100)	من (100)	من (60)	من (60)	من (60)	من (60)	الدرجة النهائية
1	ثالان محمد عبد الوهاب احمد	36	36	9	27	48	17	36	36	65
2	ابراهيم علي عبد الخالق محمد	30	30	9	21	48	19	30	30	59

Fig. 2 subject sheet details.

223	يقين جاسم محمد جاسم	23	9	32	32	26	42	16	25	48	57
230	المتوسط الحسابي					80.1	48.36493	#####		48.1	59.4
231	الانحراف المعياري					19	11.73617	#####		13.4	15.7
232	عدد الطلبة الذين درجتهم اقل من 50%						112	201	0	112	24
233	عدد الطلبة الذين درجتهم بين 50-59%						62	7	0	82	65
234	عدد الطلبة الذين درجتهم بين 60-69%						32	3	0	26	91
235	عدد الطلبة الذين درجتهم بين 70-79%						5	0	0	3	40
236	عدد الطلبة الذين درجتهم بين 80-89%						0	0	0	0	3
237	عدد الطلبة الذين درجتهم بين 90-100%						0	0	0	0	0

Fig. 3 subject sheet statistics.

The third sheet contains other statistics for the previous subject mentioned in the previous sheet concerning the first round of the exam as shown in Fig. 4.

عدد الطلبة الكلي	عدد الطلبة الناجحين بالسعي	نسبة النجاح في السعي	معدل درجات السعي	عدد الطلبة المتمتحنين فعلياً في الامتحان التنافسي	عدد الطلبة الناجحين في الامتحان التنافسي	نسبة النجاح في الامتحان التنافسي	معدل درجات الامتحان التنافسي	عدد الطلبة الناجحين في اعادة تصحيح الامتحان التنافسي	نسبة النجاح في اعادة تصحيح الامتحان التنافسي	معدل درجات اعادة تصحيح الامتحان التنافسي
223	212	95.1	31.9	211	10	4.7393	28.46	99	46.92	48.36

Fig. 4 statistics.

In the fourth paper we will find what is in the third paper, but this time the statistics belong to the second round of the exam.

The three previous sheets are repeated for each subject.

IV. DISCUSSIONS

From the previous section we note that the system is simple but accurate and contains great details, which by nature are useful to several parties in the colleges and universities and the Ministry of Higher Education, and the system is not limited, can be developed and add updates as needed, and gives accurate and quick results, and for a large number of students, Just imagine if all these statistics are calculated manually, how much time will you need? How many hands? Will the results be accurate?

V. CONCLUSION

From the above, we can say that the system is comprehensive for all the needs of the system of examination of the scientific probity between the Iraqi universities is accurate and fast to give results and easy to use does not require high specifications by the calculator to be applied and also does not require high skill by the user of the system and therefore recommend it before All universities to take advantage of the possibilities of the system to reduce the time and effort and get accurate results and statistics.

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