

Establishment of a Postgraduate Examination Committee System, Working under the Excel 2013 and Visual Basic Environment

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Abstract: We will employ the capabilities of the Excel program and our simple experience in the work of the examination committee over the past years to prepare the examination committee system for postgraduate and programming it to serve the interest of the work of the examination committee in our college in particular and in our university in general. The system prepares for the postgraduate exams committee, and users of the system enter information about the student's performance in the exams with all its details. There are several buttons in the system to implement different commands according to the exam committee's needs. The outputs of the system will be all the information requested by the committee, which reduces time and effort and is of high accuracy.

Keywords: committee, examination, postgraduate

1. 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 because of rapid scientific and technological progress.

The success of any organization, regardless of its activity, is measured first by the ability of management to use the available resources to achieve the goals with great efficiency and great mastery. This can only be achieved by following the latest management methods to accomplish the tasks and the work. Therefore, it is necessary to rely on information technology in university administration. It includes several aspects, including the software systems [1].

The computer management instruction (CMI) does not mean the use of computers in teaching or learning, 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 manager 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].

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].

2. Proposed System

The system consists of several sheets; start with the general information sheet. As we see in figure (1) we enter the basic general information for each subject and its unit...etc.

عدد الوحدات	مواد الكورس الأول
٣	القانون المدني
٣	القانون التجاري
٣	قانون دولي خاص
٢	أصول الفقه
٢	قانون باللغة الانكليزية
١	سيمنار
١	قواعد اللغة الانكليزية
	اسم الكلية باللغة العربية
	اسم الكلية باللغة الانكليزية
	القسم
	العام الدراسي
	القانون والعلوم السياسية
	College of Law and political science
	القانون الخاص
	٢٠٢١-٢٠٢٠

Figure 1: Basic Information

The following sheet shows the details of the first course, which includes the student's name, the names of the study subjects and their units, details of the annual pursuit score,

the final exam score, all required calculations, and all attempts, as shown in figure (2). There is another sheet for the second course.

Figure 2: First Course Details

There is a sheet of results with the average for all students and according to the course as shown in figure (3)

ت	الاسم	المعدل	النتيجة	مكمل بـ
1	أناش سالم حواس	78,57	ناجح	
2	إيمان كاظم عبد الحسين	76,78	ناجح	
3	بركة كريم ماضي	68,07	مكمل بالمعدل	+++++
4	حنين محمود ابراهيم	78,78	ناجح	
5	رسل محمد خضير	73,64	ناجح	
6	زهراء سامي عكار	67,71	مكمل بالمعدل	+++++
7	سارة عامر رياض	69,14	ناجح	
8	سماح رياض نجم	73,71	ناجح	
9	سوزن جميل احمد	73,42	ناجح	
10	سهيل سلمان جابر	!	!	!
11	شاكر محمود جاسم	77,14	ناجح	
12	صلاح حسن كريم	73,28	ناجح	
13	عبد الجليل عبد الصاحب جلد	!	!	!
14	فرح كريم فرطوس	79,50	ناجح	
15	مها قاسم محمد	!	!	!
16	مصطفى كاظم خلف	66,64	مكمل بالمعدل	+++++

Figure 3: Result sheet

There is a sheet related to the master's thesis or doctoral dissertation information, where the discussion committee scores are listed and then the students' general average is calculated, as shown in figure (4).

ت	اسم الطالب	حوان الرسالة	اسم المشرف	تاريخ تسجيل حوان الرسالة	تاريخ مناقشة	اسماء المناقش	درجة المناقش 1	درجة المناقش 2	درجة المناقش 3	الدرجة النهائية	المعدل السنوي	المعدل النهائي
1	أناش سالم حواس										79,87	DIV/0#
2	إيمان كاظم عبد الحسين										76,03	DIV/0#
3	بركة كريم ماضي										72,96	DIV/0#
4	حنين محمود ابراهيم										81,36	DIV/0#
5	رسل محمد خضير										73,82	DIV/0#
6	زهراء سامي عكار										71,72	DIV/0#
7	سارة عامر رياض										74,23	DIV/0#
8	سماح رياض نجم										76,03	DIV/0#
9	سوزن جميل احمد										76,16	DIV/0#
10	سهيل سلمان جابر										!	!
11	شاكر محمود جاسم										74,32	DIV/0#
12	صلاح حسن كريم										77,6	DIV/0#
13	عبد الجليل عبد الصاحب جلد										!	!
14	فرح كريم فرطوس										82,98	DIV/0#
15	مها قاسم محمد										!	!
16	مصطفى كاظم خلف										68,72	DIV/0#
17	نايف خير نايف										77,44	DIV/0#
18	امران عبد الرضا فلاح										71,36	DIV/0#
19	هادي حازي حديد										77,44	DIV/0#
20	هند طالب يوسف										76,6	DIV/0#
21											!	!
22											!	!
23											!	!

Figure 4: Last Sheet

3. 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?

4. Conclusion

From the above, we can say that the system is comprehensive for all the needs of the system of examination committee for postgraduate 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.

References

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