



## MAIN FEATURES

- Bubble sheets for different number of questions can be generated in less than a minute. Exams can have up to 100 questions.
- Exam can have different sections with different number of answers. For example, the first 20 questions can be True or False, and the next 20 questions can have 4 choices.
- Wrong answers can be penalized with a negative grade.
- Different questions can have different points. For example, questions from 1 to 10 can have 1 point each, and questions from 11 to 20 can have 1.5 points each.
- The exam can have different models. The application detects the model of the paper and grades using the model answer corresponding to this model.
- If the student ID is included, and an excel file with the student ID is available, the program will write the grade in the correct place in the Excel file.
- Many statistics are automatically generated and sent to instructor.
- Grades can be sent instantaneously to the students' emails.
- You can automatically generate multiple exam models using (exam models generator) tab on the website. It carefully shuffles questions and answers and generates the corresponding model answer!
- The grades file and the statistics file are sent by email to the instructor.
- A dash board shows the department chair and the dean the details of the exams done by different professors and Teaching Assistants!



## LIKE TO USE IT?

Create a new account on  
[www.thepowergrader.com](http://www.thepowergrader.com)  
and start testing!

Contact [info@techibeas.com](mailto:info@techibeas.com)  
to upgrade to premium!

# THE POWER GRADER

THE SMART GRADING SYSTEM  
[WWW.THEPOWERGRADER.COM](http://WWW.THEPOWERGRADER.COM)



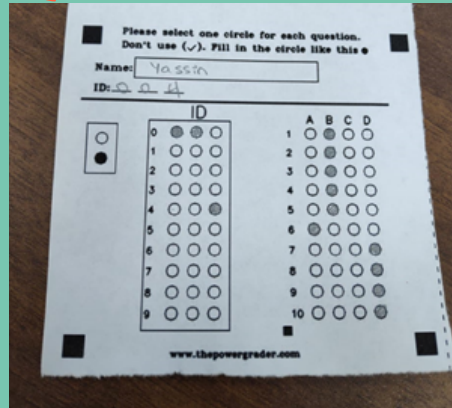
## WHAT IS THE POWERGRADER GRADING SYSTEM?

A system using multiple input methods to grade papers based MCQ exams. The system can receive input from the PowerGrader Android application, or a user can upload a pdf to the website generated from a scanner, or from a mobile application like CamScanner! Students use bubble sheets for answering the questions. Our experiments show that this is a lot more reliable and faster than the manual grading for MCQ exams. We have tested the system with thousands of paper, and it is always more accurate than the manual grading.

## CAN MCQ EXAMS TEST STUDENTS' PERFORMANCE IN A FAIR WAY?

According to the center of teaching center in the University of Waterloo, "Well designed MCQs allow testing for a wide breadth of content and objectives and provide an objective measurement of student ability." MCQ questions can be easily designed to assess the student understanding of the fundamentals in any course. Carefully designed MCQ questions can be used to assess higher order thinking capabilities including analytical, critical, or creative thinking.

There are many benefits of using MCQ exams including fast grading, doing analysis for the students' answers, and fairness. Hence, it is recommended that at least part of the exam consists of MCQ questions. Moreover, weekly quizzes are a lot easier to be MCQ based exams.



## HOW FAST IS IT?

For the grading, using a normal Android phone, the whole process for 100 pages takes around 12 minutes using the PowerGrader Android App! You can use any smartphone scanner App, like CamScanner, and it will take almost the same time. This includes taking the pictures of the sheets, automatically grading the sheets, writing the grades to students' list Excel file, and doing many statistics and generating insights about the exam. If a scanner with a feeder is used and a pdf is generated and uploaded to the website, it will take around 1 minute to grade 100 pages!

## WHO CAN USE IT

University professors, teaching assistants, training centers, TOEFL and GRE centers, school teachers, and anyone that can use MCQ questions in their exams.

## WHAT ARE THE MAIN BENEFITS?

### NO HARDWARE!

No need for any special hardware to do the grading. You only need the answer sheets and your smart phone.

### TAKE GRADING HOME

Because there is no need for any special scanners or HW, you can grade your exam at any place. Moreover, You can ask anyone to grade the sheets as long as he/she can use a smart phone!

### RELIABLE

We have tested the application now to grade finals, midterms, and quizzes in both Cairo University and outside it. After grading using the application, we double check each page that it as successfully graded. It never failed in grading any correctly filled paper. If a paper has a problem, like it was not correctly pictured, it will send to the user to retake this picture to grade it correctly. We will never miss a paper!

### HANDLE ALL CASES

The program can handle the cases if students have chosen two answers, have erased a choice an it was not completely erased, have lightly shaded the circles, and many other practical scenarios.