

Attendance Management Case Study

Client:

The client is The Ministry of Education in Egypt. The Egyptian Ministry of Education is committed to developing the educational system in order to align itself with modern educational systems. It is a duty on the shoulders of the ministry to provide high quality education for everyone as a right for every Egyptian. One of its foremost goals is to establish an educational system that is organized and spread all over Egypt; that calls for social participation and grants the reformation of education in an effective way in every school.

Problem:

Aside from all the tasks and duties the ministry has to run, execute, and supervise; there is an obligation to oversee the attendance of students all over the country. The number of schools in Egypt is approximately 48459. Each governorate is divided into several administrations, and each administration contains a number of schools. Each school has to report the attendance status for all its students monthly. This is a huge problem defined by the following aspects:

- A massive amount of time and effort exhausted, because this process was done manually usually by several people in each school
- Lots of errors and inaccuracies because the reports were done using primitive pen and paper methods.
- Extra load on the administration to review and supervise reports.

After all this work the end result is mediocre and unsatisfactory. The ministry needs accurate information to calculate its steps and plan ahead. It also needs to give the administrators, teachers, and employees a room to focus their own jobs and tasks instead of reviewing and recording extensive amounts of data.

Final Result

The final result is a sophisticated platform with a complete database. This database includes all the information of attendance and absence of all the students. The system reports automatically all the required data to all parties. It saves at least 8 hours of routine work a month for each school. The percentage of human error decreased significantly after implementing the system. This platform saves the data in a secure place, preventing any form of deterioration. It makes the information accessible at any requested time and reachable just by a quick search. The system also provided the capability to send a link to parents so that they can follow up on the attendance of their child any time they pleased. This also increased engagement between the parents and schools and decreased opportunities for students to skip school.

<p>اولى ابتدائي</p> <p>1-1 ✖</p> <p>1-2 ✖</p> <p>1-3 ✖</p> <p>إضافة فصل جديد</p>	<p>ثانية ابتدائي</p> <p>2-1 ✖</p> <p>2-2 ✖</p> <p>إضافة فصل جديد</p>	<p>ثالثة ابتدائي</p> <p>3-1 ✖</p> <p>3-2 ✖</p> <p>3-3 ✖</p> <p>إضافة فصل جديد</p>
<p>رابعة ابتدائي</p> <p>4-2 ✖</p> <p>4-3 ✖</p> <p>4-1 ✖</p> <p>إضافة فصل جديد</p>	<p>خامسة ابتدائي</p> <p>5-1 ✖</p> <p>5-2 ✖</p> <p>5-3 ✖</p> <p>إضافة فصل جديد</p>	<p>الصف السادس الابتدائي</p> <p>6-1 ✖</p> <p>6-2 ✖</p> <p>6-3 ✖</p> <p>إضافة فصل جديد</p>

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