

Development of a Montessori Evaluation System

INDUSTRY CONTACT

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BACKGROUND:

Brackendale Montessori is a private company located in Ajax, Ontario. Currently, many Montessori schools lack a system for quantitatively and effectively measuring and reporting on the performance of its students. This means the development of individual programs for each child, which is at the heart of the Montessori system and philosophy, takes longer. While Brackendale Montessori had developed a paper-based tracking and evaluation system, they were still looking for a better way to connect the school administrators and teachers in developing programming to impart quality education to students.

OBJECTIVES:

- To design and develop a web-based application that will allow all teachers and administrators to instantly access the status of a child in less time, while providing multi-faceted progress reports for a more personalized assessment.

OUTCOME:

The successful collaboration between Durham College (DC) and Brackendale Montessori has resulted in the development of a web-based system to track and monitor every child enrolled in the school. This tool enables the teachers and administrators to spend less time on paperwork and more time working with students. The tool also flags any areas of concern and suggests corrective action or flags the need for corrective action on the part of the administration. By having the program track and identify gaps, the administration is able to efficiently address any issues. This tool also facilitates gathering feedback for planning and guidance and helps educators and administrators collaborate to manage the programs and build a customized curriculum for every child. This streamlined approach to tracking and evaluation means Brackendale can hire more teachers, which in turn will allow more students to register and study at the school. The application can also be licensed to other Montessori schools, which means an overall increase in revenues for the organization

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