Paperback Writer

A Computer Science capstone project
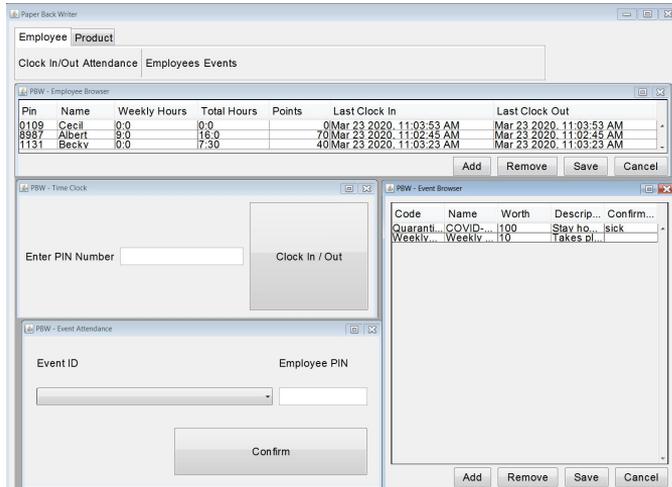
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A SOLUTION INTRODUCED

The Book Arts Collaborative in Downtown Muncie needed a simple, easy-to-use solution to keep track of student hours, points earned from activities, and costs from the books or other products made. Working with Dr. Rai Peterson and student associates, Paperback Writer was devised.
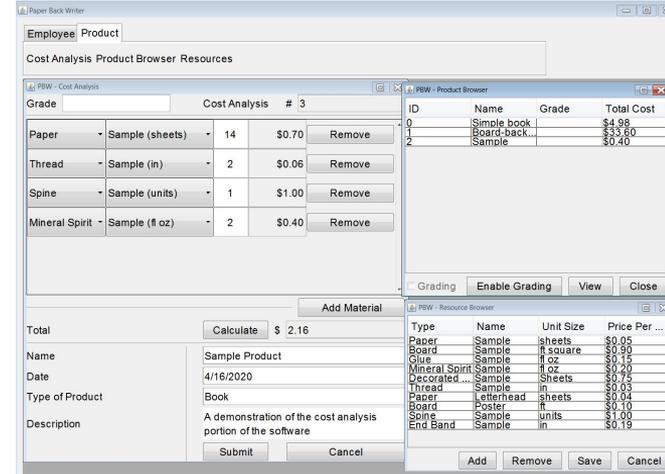

TRIED TECHNOLOGY

Work started in Java 11, using Maven as a dependency manager to produce a centralized client that met the core needs of the Collaborative.

NOW FEATURING

- Time-tracking
- Event attendance,
- Custom products
- Price calculations
- Resources listings

And other tools to help the Professor and student assistants grade those students passing through the program, the features were carefully selected to improve workflow. Although some features were waived and discarded at the client's request, the final product offers a powerful but simple tool that has already been adopted for long-term use.

LESSONS OFFERED

Even though the final product looks polished and simple,, both the user-interface and behind the scenes code went under multiple revisions and much experimentation. Due to complications which arose early on, this project was undertaken essentially alone - which was a severe lesson in the need for teamwork, even if merely as a sounding board.