

INCORPORATING LOW-CODE BUSINESS SOFTWARE IN ACCOUNTING COURSES

Sewon O, Texas Southern University, U.S.A.
Kun Wang, Texas Southern University, U.S.A.

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ABSTRACT

With the widespread development of no-code, low-code business software in industry, business and accounting courses can benefit from incorporating some of these software modules. This paper presents how to utilize low-code business apps and software in accounting courses in partnership with the industry leaders. As corporations are eager to help in educating and motivating students, educators are encouraged to incorporate these software in accounting courses at various levels.

Keywords: Low-Code Apps, Accounting Systems, IT In Accounting Courses, Data Analytics in Business and Accounting

1. INTRODUCTION

As we live in the era of information technology, knowledge/information transfer and teaching are bound to be performed in this environment. Computer-based teaching and learning is essential in today's education and Industry hiring emphasizes candidates' data skills and data literacy as top priority especially at the entry level. Corporations and government entities engage in data-driven operations in an effort to shorten the response time. Business schools nationwide are coping with this trend to supply graduates who are suitable in this operational environment. However, unlike computer science programs, business programs in general do not offer hard-core programming courses, but need to teach practical side of the computer software beyond the pure technical aspects.

Business and accounting programs, in this respect, can incorporate no-code/low-code platforms developed by commercial companies. No-code/low-code software are the tools developed for those who have little programming and coding skills and allow them to use graphical templates and interfaces to their needs (Liu and Downing, 2010; Lee, Ross, and Kramer, 2020). They commonly use drag-and-drop designs and workflow testing. Buying low-code software from an outside vendor offers organizations a cheaper and faster alternative to building their own system internally. By the use of point-and-click interfaces, users can design and develop their own systems that fulfill their needs in a short amount of time (Johannessen and Davenport, 2021). This approach is visually appealing and easy to understand or see the relationships among a wide range of variables quickly and very few programming skills are required. Low-code programs are also widely used in data analytics transforming large text data to visual data. Low-code platforms emphasize visual and intuitive interfaces, allowing users to build applications suitable in their organizational environment using pre-built components and save time in the process.

As there are wide number of low-code platforms currently available in the market and developers are eager to partner with the colleges and universities in educating students, we present in this paper examples of these software, how they work, and how educators can partner with development companies, train our students and make them ready for applying these software on the job when they graduate.

2. INCORPORATION OF LOW-CODE BUSINESS SOFTWARE IN ACCOUNTING COURSES

There are numerous numbers of low-code business applications available and they can be developed for mobile and/or desktop users. The following are just a few examples of popular low-code platforms.