The Development of Accountant System for The Accountants

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ABSTRACT

This project is part of the cooperative education program for the academic year 2025, with the primary objective of gaining hands-on experience in a real working environment at Betimes Solution Co., Ltd. The author actively participated in the company's project development, specifically a system designed for accountants. The assigned responsibilities included designing web pages and implementing certain components of the accounting system. In this project, the author developed web interfaces and display screens that are user friendly, accurate, and aligned with the requirements of the company's clients. The system was built using TypeScript with the Angular framework, Dotnet core as backend framework and Oracle as Database. Testing results confirmed that the system operates correctly and successfully meets its intended objectives.

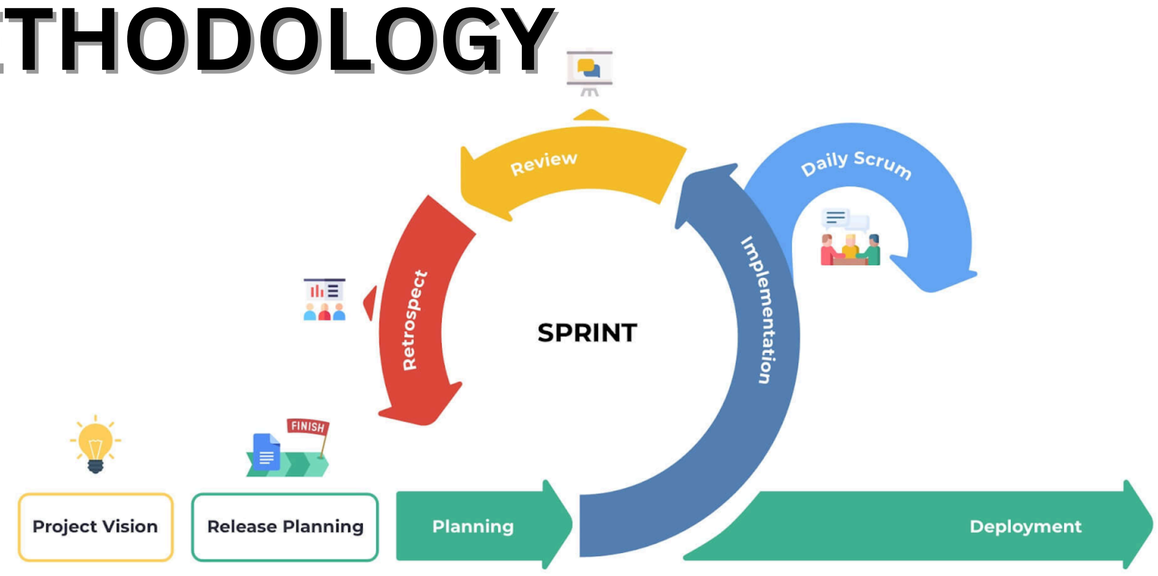
INTRODUCTION

The eAccountant is an online accounting system developed as a modern upgrade to the long-standing legacy accounting platform. It serves as a comprehensive digital solution designed to enhance the workflow and operational convenience for professional accountants. The system is utilized by financial officers and accounting teams to streamline complex financial tasks and improve overall management efficiency. The eAccountant transforms traditional practices into a high-performance digital experience that aligns perfectly with the evolving requirements of the company's clients.

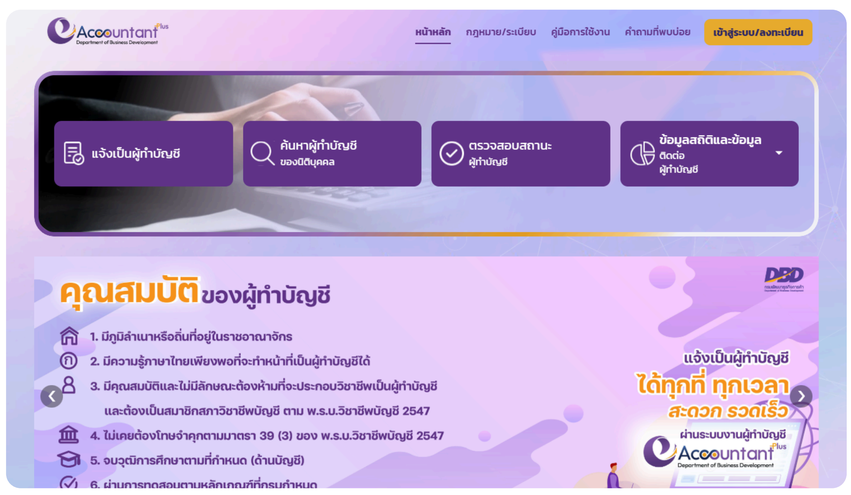
TECHNOLOGY

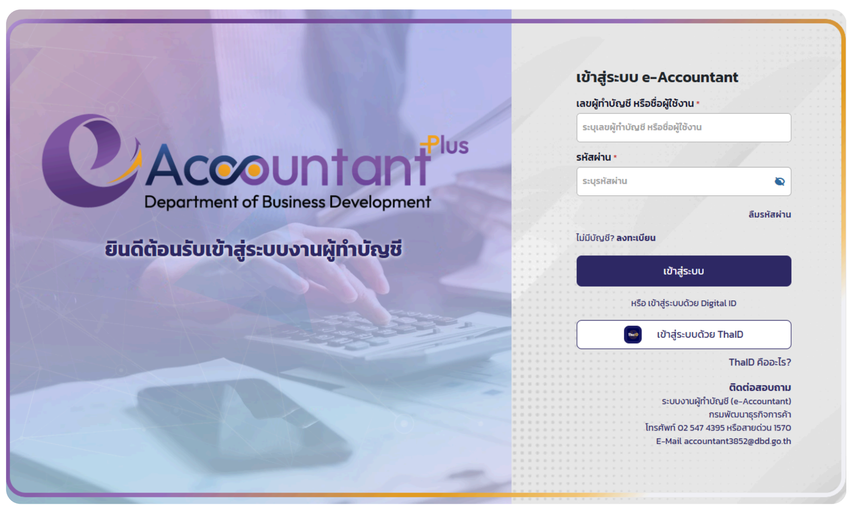
Angular
DevExtreme
Vs Code
Postman
TypeScript
.NET Core
Figma
Git

METHODOLOGY



RESULT





CONCLUSION

The existing accounting system had been in operation for a long period. However, the legacy tools and technologies utilized were outdated, which presented significant challenges for maintenance and limited the potential for further development. Furthermore, the original user interface was complex and no longer met modern usability standards. To address these limitations, the author was assigned to develop eAccountant, a modern online accounting system designed to upgrade the legacy platform. The primary responsibilities included designing intuitive web interfaces and implementing core functional components. The goal was to transform traditional accounting processes into a more user-friendly and efficient digital experience, while simultaneously improving the system's maintainability and scalability for future enhancements.

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