Enhancing Financial Accessibility With Text-to-Speech For The Visually Impaired

Yam Chen Xi -TP061635 - APD3F2308CS
B.Sc. (Hons) Computer Science
Supervised by : Ms. Aziah Binti Abdollah
Second Marker : Ms. Mary Ting

INTRODUCTION

In the ever-evolving realm of digital finance, accessibility remains paramount for ensuring that financial services are truly inclusive. Introducing "Finease," an innovative initiative set to revolutionize financial accessibility for individuals with visual impairments. Through the strategic integration of cutting-edge Text-to-Speech technology, Finease tackles critical barriers in online financial platforms, spanning from design inconsistencies to security concerns and scalability limitations.

OBJECTIVE

- To empower users to manage their finances independently and efficiently using the online financial platform that incorporates Text-to-Speech technology.
- To educate users to be more aware of the importance of accessibility in online financial websites through the research conducted on the current state of accessibility for users with disabilities.
- To enable users to access an online financial platform that is updated regularly with new features and functionality while maintaining a consistent level of usability.

PROBLEM STATEMENTS

- Lack of Awareness and Research on Accessibility in Online Financial Websites
- Usability Challenges of Assistive Accessibility Tools in Online Financial Websites
- Usability Disruptions Caused by Frequent Updates in Online Financial Websites
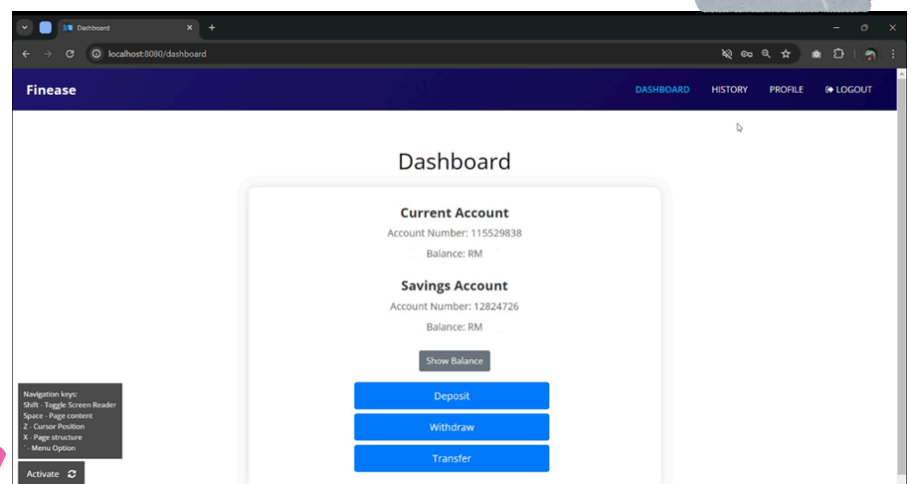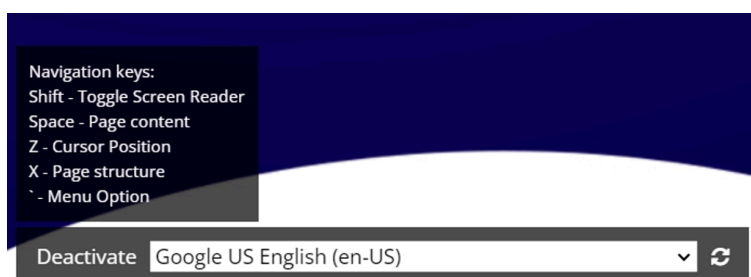
IMPLEMENTATION

METHODLOGY

Agile: Scrum Framework

FEATURE - SCREENSHOT

CONCLUSION

Finease redefines financial accessibility by integrating Text-to-Speech technology, overcoming design, security, and scalability challenges. With its innovative approach, Finease sets a new standard for inclusive digital finance, demonstrating the transformative power of technology in empowering users with visual impairments.