ABSTRACT

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IMPLEMENTATION OF FIGMA DESIGN TO REACT.JS IN DEVELOPING THE AIRSEAT FLIGHT TICKET BOOKING WEBSITE

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Keywords: React.js, Figma, Tailwind CSS, Netlify, flight ticket, website, online booking

(xiii + 51 + Appendices)

This study discusses the implementation of Figma design into React.js for the development of the AirSeat flight ticket booking website. The primary objective is to create a user-friendly and responsive platform that simplifies access to online flight ticket information.

The research employs the Waterfall methodology within the System Development Life Cycle (SDLC), consisting of five stages: Planning and Analysis for literature review and feature identification (such as Home, Sign In, Sign Up, and others); Design using interface prototyping in Figma; Implementation with React.js, JavaScript, and Tailwind CSS in Visual Studio Code; Integration and Testing to ensure functionality; and Maintenance for continuous monitoring and feature enhancement.

The results demonstrate that all core functions, including Home, Sign In, Sign Up, OTP, Request Reset Password, Reset Password, and Search, operate effectively based on black-box testing. The AirSeat website is accessible at https://airseat.netlify.app/. Future development is recommended to include additional features such as live chat to improve user interaction.

(References 2018–2024)