

ABSTRACT

The problem faced in this research is the need for the startup Antria to assist partners who are fast food business owners in managing partner data related to orders, employee data, menu data, and management data from the Antria customer mobile application and the Antria partner mobile application using web management technology. Antria requires the development of a web management product within a short time. Therefore, a restaurant management web application is developed, which is expected to help business owners with the features provided in the management web to manage their business. The web management application will be developed using the React JS framework and Tailwind CSS. By applying the reusable component user interface method, interface development is not time-consuming, as it avoids excessive code repetition. The time-consuming code repetition will be addressed by creating components that can be reused on every page of the web management interface. The result of testing the application of the reusable component user interface method has reached 100% with testing tools using SonarQube to ensure the components are suitable for use on each web management page according to the web management application's needs. The suitability of using the reusable component user interface in the restaurant management web interface has met the requirements using User Acceptance Testing (UAT) tested on fast food business owners, achieving 100% conformity for the restaurant management web interface.

Keywords : Management Web, Reusable Component User Interface, Business Owner, and User Acceptance Testing