

ABSTRAK

Dhika. 2026. Rancang Bangun Sistem Reservasi *Online* SPA Anak Berbasis *Website* Pada Sultan Kids & Baby SPA Dolopo Madiun. *Skripsi*. Program Studi Teknik Informatika, FT, Universitas PGRI Madiun. Pembimbing I: Fatim Nugrahanti, S.T., M.T., Pembimbing II: Yoga Prisma Yuda, S.Kom., M.Kom.

Penelitian ini mengembangkan Sistem Reservasi Online SPA Anak berbasis website pada Sultan Kids & Baby SPA untuk membantu proses reservasi layanan yang sebelumnya masih dilakukan melalui WhatsApp dan pencatatan manual. Sistem dikembangkan menggunakan metode Extreme Programming (XP) dengan tahapan planning, design, coding, testing, dan release, serta diimplementasikan menggunakan Laravel 11, Vue.js, dan MySQL. Pengujian dilakukan menggunakan metode Black Box Testing dan System Usability Scale (SUS) untuk memastikan fungsionalitas dan kemudahan penggunaan sistem. Hasil penelitian menunjukkan bahwa sistem mampu membantu pengelolaan reservasi dan data pelanggan secara lebih terstruktur. Berdasarkan hasil pengujian, seluruh fungsi sistem berjalan dengan baik dan memperoleh skor SUS sebesar 70,5 yang termasuk dalam kategori Good dan Acceptable, sehingga sistem layak digunakan untuk mendukung pelayanan reservasi pada Sultan Kids & Baby SPA.

Kata Kunci: Reservasi *Online*, *Website*, Extreme Programming, BalckBox Testing,

SUS.

ABSTRACT

Dhika. 2026. *Design and Development of a Website-Based Online SPA Reservation System for Kids at Sultan Kids & Baby SPA Dolopo Madiun*. Thesis. Informatics Engineering Study Program, Faculty of Technology, PGRI University Madiun. Supervisor I: Fatim Nugrahanti, S.T., M.T., Supervisor II: Yoga Prisma Yuda, S.Kom., M.Kom.

This study developed an Online SPA Reservation System for Kids based on a website for Sultan Kids & Baby SPA to help with the service reservation process, which was previously done through WhatsApp and manual recording. The system was developed using Extreme Programming (XP) with stages of planning, design, coding, testing, and release, and implemented using Laravel 11, Vue.js, and MySQL. Testing was conducted using Black Box Testing and the System Usability Scale (SUS) to ensure the system's functionality and ease of use. The results showed that the system helps manage reservations and customer data more systematically. Based on the testing results, all system functions run well and received a SUS score of 70.5, which falls into the Good and Acceptable category, making the system suitable for supporting reservation services at Sultan Kids & Baby SPA.

Keywords: Online Reservation, Website, Extreme Programming, BlackBox Testing, SUS.