

**PERANCANGAN PROTOTIPE SISTEM INFORMASI KLIK BIDAN  
DESAK PADA PRAKTEK BIDAN DENGAN METODE: *DESIGN  
THINKING* (Studi Kasus Praktik Bidan Desak Putu Tirta Sudiati)**

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**ABSTRAK**

Penelitian ini bertujuan untuk merancang prototipe sistem informasi klik bidan desak sebagai solusi digital berbasis web untuk meningkatkan efisiensi layanan kebidanan. Metode yang digunakan dalam penelitian adalah metode *Design Thinking* dengan lima tahap, yakni *empathize*, *define*, *ideate*, *prototype*, dan *testing*. Pada tahap *empathize*, dilakukan observasi dan wawancara terhadap bidan dan pasien. Hasilnya dituangkan dalam *empathy map* yang mencerminkan kebutuhan akan pencatatan cepat dan layanan yang mudah diakses. Tahap *define* menghasilkan *user persona* dan rumusan masalah terkait belum adanya sistem digital terintegrasi. Pada tahap *ideate*, ide solusi diprioritaskan melalui *impact-effort matrix* dan divisualisasikan menjadi *wireframe* pada tahap *prototype*. Fitur yang dikembangkan meliputi pendaftaran, login, penjadwalan pemeriksaan, form pemeriksaan, pencatatan persalinan, pemantauan pasca persalinan, imunisasi, laporan rekam medis, dan dashboard pengguna. Pengujian dilakukan pada tahap *testing* menggunakan *system usability scale* (SUS). Hasil SUS tersebut menunjukkan skor rata-rata SUS sebesar 92,5 untuk role bidan/staf dan 87,75 untuk role pasien. Keduanya masuk kategori grade A, *acceptable*, dan mendapat rating "*best imaginable*". Hasil tersebut menunjukkan bahwa sistem memiliki tingkat kegunaan tinggi dan sesuai dengan kebutuhan pengguna. Prototipe klik bidan desak diharapkan mampu mendukung efisiensi pelayanan, mengurangi beban pencatatan manual, dan meningkatkan pengalaman layanan secara digital.

Kata kunci: *Design Thinking*, klik bidan desak, prototipe, sus, bidan

***DESIGNING A PROTOTYPE INFORMATION SYSTEM FOR MIDWIVES  
DESAK IN MIDWIFERY PRACTICE USING THE DESIGN THINKING  
METHOD (Case Study Midwifery Practice of Desak Putu Tirta Sudiati)***

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**ABSTRACT**

*This study aims to design a prototype of the Klik Bidan Desak information system as a web-based digital solution to improve the efficiency of midwifery services. The design process employed the Design Thinking method, which consists of five stages: empathize, define, ideate, prototype, and testing. During the empathize stage, observations and interviews were conducted with midwives and patients. The results were documented in an empathy map reflecting the need for quick record-keeping and easily accessible services. The define stage produced user personas and problem statements related to the absence of an integrated digital system. In the ideate stage, solution ideas were prioritized using an impact-effort matrix and visualized into wireframes in the prototype stage. The developed features include registration, login, examination scheduling, examination forms, childbirth documentation, postpartum monitoring, immunization, medical record reports, and user dashboards. Testing was conducted during the testing phase using the System Usability Scale (SUS). The SUS results showed an average SUS score of 92.5 for the midwife/staff role and 87.75 for the patient role. Both fall into the Grade A category, acceptable, and received a “best imaginable” rating. These results indicate that the system has a high level of usability and aligns with user needs. The Klik Bidan Desak prototype is expected to support service efficiency, reduce the burden of manual record-keeping, and enhance the digital service experience.*

*Keywords: Design Thinking, klik bidan desak, prototype, sus, midwife*