

## ABSTRACT

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Title : Certificate of Birth for Optimization Electronic Integrated Antenatal Care (e-iANC)

In 2015-2019 birth certificate targeted 85% (RPJMN), unfortunately in 2016 the achievement of the ownership of the birth certificate of children in Indonesia by 62%. Requirements for making birth certificate is SKK by a doctor / midwife, who is currently still manually manufacture (paper based). In line with the development of e-iANC devoted to digitalize recording and reporting the ANC will require the development of SKK. The purpose of this research is to make SKK in the application of e-iANC. Stages of development using a birth certificate with the waterfall method stages: 1. Planning System 2. System Analysis, 3. Design Systems, 4. Application System. Informants in the study is the founder and developer of e-iANC and midwives as user e-iANC. Research conducted in June-August. Results of phase the data needs to SKK are KTP number mother and father, baby names, gender, time and date of birth, address, names of the parents, the name of the midwife, mother and father work, as well as the baby's weight and length of the type of delivery. Menu SKK serves to create and print SKK and form input for data entry such as KTP number mother, address of the mother and father, names of the parents automatically in SKK, while the KTP number father, weight and length of baby and type of birth, gender, time and date of birth, name of the midwife to input manually. Reporting SKK produce recapitulation such as amount of births, amount of normal delivery and caesarean, amount of low birth weight (<2,500 g), amount of normal weight (> = 2,500 g).

*Keywords: Independent Practice Midwives, Birth Certificate, e-iANC*