

ABSTRACT

Puskesmas Pangkalan Berandan is a health service facility that organizes public health efforts and first-level individual health efforts. Everyone who visits the puskesmas will have their medical records recorded. In providing services to patients, the Pangkalan Berandan Health Center manages the patient's medical records manually, by recording on paper and then the medical records are stored on shelves which results in the accumulation of medical record data. This resulted in the Puskesmas employees taking a long time to find the patient's medical records. This final project aims to design an information system that can record, store and search medical records at the Pangkalan Berandan Health Center.

The design of this medical record information system application was made using the Scrum method. This method has several stages, namely determining the product backlog to determine the features to be made, conducting sprint planning, followed by sprint execution, sprint review, and sprint retrospective. This application is made web-based using the codeigniter 4 framework, for the database using Mysql. The system testing process uses a functionality test and a user acceptance test.

This final project produces a medical record information system application design that can record, store and search patient medical records. The system designed is in accordance with what is expected by stakeholders and the existing functions are running well so that it can make it easier for puskesmas employees to provide optimal health services.

Keywords: Medical Record, Medical Record Information System, Puskesmas, Scrum.