

ABSTRACT

Clinic is a company engaged in the field of health care . Nowadays a clinic or other health agencies use a computer or information systems as one of the technologies that help to finish the existing work in the clinic . It aims to provide health care process more efficient . But the computer or information systems was not used optimally so that poses several problems such as archival storage and so forth .

Based on the research that has been done before. researchers found some problems in existing clinic bussiness processing . Therefore, researchers aimed to solve the problems that was faced by the clinic in general, that is with designing a management system of data and activity based on web that called *eClinic* (Electronic Clinic). The development model that used were an iterative and incremental method, java technology, several tools and construction techniques , such as *Use Case* diagram, *sequence diagram* and *Activity Diagram* .

after passed the design stage, the expectations are data security become more secure because it is equipped with user validation process, patient data processing become faster, data storage and statistical reporting become neater and require shorter time than ever to help the work performance of employee the clinic.

Keywords: *eClinic*, Java , Clinical, Information Systems