# ABSTRACT

File lesson is Biopac MP40 data signal file which created by Biopac Science Labs application. It is created when body signal measurement done by Biopac MP40 and Biopac Science Labs. File lesson, however, can not be read unless using Biopac Science Labs and be saved into another file format such as text file which may be used in other program or by people for research like in IT Telkom.

The final project named "Reader Application of Biopac Science Labs Application's Data Signal File of Biopac MP40" created to solve those problems. This final project was built using object oriented programming method, after getting the file lesson structure by analyzing it. In addition, this is implemented using Java programming language.

This final project can read any kind of Biopac MP40 data signal file, and present the data file in chart and table. It also can save the lesson file into other file format like text file or picture.

**Keyword**: biopac MP40, lesson file, java, biopac science labs