

ABSTRACT

THE IMPLEMENTATION OF SEQUENTIAL SEARCH ALGORITHM ON APPLICATIONS FOR LEARNING PROCEDURES FOR THE NATURE OF PRAYER BASED ON ANDROID

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Prayer (Arabic: *shalat*) is a great worship in Islam and occupies the second position in the pillars of Islam. However, many of Muslims, especially the community of Islam, especially those who live in the city of Bandar Lampung, have not understood perfectly the prayer movements that are *sunnah* by the Prophet Muhammad, saw. The purpose of this study was to help the community of Muslims in Bandar Lampung City in learning and understanding the procedures for prayer using the application of Procedures for the Nature of prayer.

The software development method in this study used Scrum consisting of four stages, including Product Backlog, Sprint Backlog, Sprint, and Increments. At the Sprint stage, the Sequential Search Algorithm plays a role to make it easier for users to find the desired word when accessing the application.

The result of this study was in the form of an android-based application used to provide understanding of the procedures for the nature of prayer in accordance with the *sunnah* of the Prophet Muhammad saw.

Keywords: Application, Prayer, Sequential Search, Scrum



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