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Abstract. The main objective of this study was to implement UCD in designing an Androidbased journal reminder application to determine the user's needs for functionality and application interface. This study uses Data Collection Method and Application Design using UCD. To find out the result of the implementation UCD, measurements are used at the level of acceptance and support of prospective users by making a data collection instrument in the form of a questionnaire according to the usability testing framework using the Likert scale to calculate the variables. The results of testing of prospective users indicate that 84% of prospective users state that the functionality and interface design of the android-based journal reminder application can be accepted and can be developed in the next stage. This is concluded from the results of functional and interface design evaluations through questionnaires using a Linkert scale which shows that the design built is at a GOOD interval, which means that the functional design and interface of the journal reminder application can be accepted and can proceed to the next stage. However, in order to improve the accuracy of the development of the journal reminder applications, it is necessary to make a propototype based on the results of UCD modeling and design.

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<http://dp3m.unikom.ac.id/penelitian/view/implementation-of-user.339.html>