

***DEVELOPING AN ANDROID-BASED TASK MANAGEMENT
APPLICATION
FOR STUDENTS***

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ABSTRACT

As learning-teaching activities become increasingly complex, students are required to manage their time effectively. A common method for organizing tasks is by writing them down on paper, which presents several limitations, such as susceptibility to damage, loss, and lack of flexibility in accommodating schedule changes. To overcome these issues, an Android-based Task Management application was developed to help students manage their schedules and assignments digitally. The application uses Firebase as the backend service for authentication and online data storage. Key features include schedule tracking, task management, and automated notifications one day before a task deadline. Black box testing was conducted, and results indicate that all features function properly and as expected. This application is intended to be an effective solution for students to manage their academic responsibilities in a more efficient and organized manner.

Keywords: *Task Management, Android, Student Schedule, Notification.*