

ABSTRACT

DEVELOPMENT OF VISUALIZATION AND RECAPITULATION FEATURES FOR STUDENT REPORT DATA IN STUDENT ADVOCACY APPLICATION AT XYZ EDUCATIONAL INSTITUTION

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This final project aims to develop visualization and recapitulation features for student report data in the student advocacy application at XYZ Educational Institution. The development is aimed at enhancing the application's capability to effectively present information to users. The study focuses on user needs analysis, responsive user interface design, and implementation of new features including graph-based visualization and customizable recapitulation tables. The development methodology involves stages of identifying user needs through literature review and interviews, followed by prototype design based on needs analysis. The data visualization feature is designed to enable students to better understand trends and patterns in student advocacy reports. Meanwhile, the recapitulation table is designed to present structured information on reports, including report details, status, and other relevant information. The outcomes of this research are expected to strengthen the student advocacy report management system at XYZ Educational Institution, and enhance the efficiency and effectiveness of self-monitoring and evaluation processes. Furthermore, the implementation of these new features is anticipated to provide users with a better experience in utilizing the advocacy application for the benefit of students and institutional management.

Keywords: *Development, Application, Data Visualization, Data Recapitulation, Advocacy, XYZ Educational Institution.*