

ABSTRACT

The process of recording technology budgets at PT Trans Indo Teknologi, which was previously done manually using spreadsheets, faced various obstacles, particularly the high potential for input errors and difficulties in effectively monitoring data. To overcome these issues, a web-based financial dashboard system was developed with the aim of automating the process of collecting, storing, and analyzing budget data. The development of this system employed the Scrum methodology and was validated using Black Box Testing to ensure all functionalities align with user requirements. The resulting system is equipped with interactive data visualization features to support strategic decision-making by the technology team. The implementation of this system is expected to significantly enhance operational efficiency, reduce data error risks, and align technical aspects with the company's business needs.

Keywords: Dashboard, visualization, Scrum methodology, Black Box Testing, budget