

ABSTRACT

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DESIGN AND DEVELOPMENT OF A WEB-BASED PROJECT MANAGEMENT AND WORKLOAD APPLICATION AT XYZ CONSULTING COMPANY

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Project and workload management poses significant challenges for XYZ Consulting Company due to using non-integrated tools such as Open Project and spreadsheets. Data fragmentation and limited monitoring tools hinder decision-making, workload tracking, and real-time performance evaluation. This study aims to design and develop a centralized web-based application for project management and workload analysis. The resulting application includes features for centralized data management, workload monitoring and analysis, and organized documentation. The application enables real-time project and workload tracking, supports performance evaluation, and facilitates more optimal resource planning. With this application, XYZ Consulting Company is expected to enhance operational effectiveness, expedite decision-making, and improve project collaboration.

Keywords: *Project management, workload analysis, web-based application, monitoring, centralized data, project documentation, performance evaluation, resource planning.*