

Parking at University of Tabuk, Saudi Arabia, Problems and Solutions

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Abstract

This project has applied various concepts related to identifying, assessing, and reducing traffic congestion by organizing parking within the university campus. The aim is to enhance academic performance, safety, environmental impact, accessibility, operational efficiency, and overall satisfaction. By integrating these approaches with data analysis tools, the project seeks to develop more organized and sustainable methods for improving the appearance and functionality of parking areas. This study serves as a strategic framework, based on collected data, to evaluate the level of congestion and visual distortion in the parking areas of Tabuk University. Consequently, the research provides actionable insights for the university to focus on assessing visual distortion and errors in parking layouts while implementing industrial engineering tools to create well-organized and aesthetically pleasing parking facilities.

Keywords

Parking, Solutions, Traffic, Safety