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## INFORMASI ARTIKEL

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**Halaman:**

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**Tanggal penyerahan:****Tanggal diterima:****Tanggal terbit:**

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## EMAIL

[1panggayuhjalagumilar@gmail.com](mailto:panggayuhjalagumilar@gmail.com)

[2trismawati@upm.ac.id](mailto:trismawati@upm.ac.id)

[3haryono@upm.ac.id](mailto:haryono@upm.ac.id)

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## ABSTRACT

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*The aim of this research was to minimize vehicle accidents on the campus of the Panca Marga University, find out the security system for the feasibility analysis of the miniature parking system at the Panca Marga University and to oversee the implementation of the feasibility analysis system for the miniature parking system feasibility analysis at Panca Marga University. Based on the research and analysis of the feasibility analysis of parking system miniature at Panca Marga University that have been carried out, the NPV (Net Present Value) value of 8,341,063 shows that the parking system miniature project at Panca Marga University is feasible so that the parking system can be applied. The PP (Payback Period) value of 2.005 indicates that the system project is feasible with an initial investment back within 2 years. Therefore, the suggestion that can be given to Panca Marga University is to implement a parking rate policy in order to generate financial viability and increase the value of income.*

**Keywords:** *feasibility analysis, parking system, Net Present Value, Payback Period*

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## ABSTRAK

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Penelitian ini bertujuan untuk meminimalisir terjadinya kehilangan kendaraan pada kampus Universitas Panca Marga, mengetahui sistem keamanan analisis kelayakan miniatur Sistem Parkir di Universitas Panca Marga serta mengetahui prosedur penerapan pemasangan sistem keamanan analisis kelayakan miniatur sistem parkir di Universitas Panca Marga. Berdasarkan penelitian dan perhitungan analisis yang telah dilakukan, nilai *NPV (Net Present Value)* sebesar 8.341.063 menunjukkan bahwa proyek miniatur sistem perparkiran di Universitas Panca Marga memiliki kelayakan sehingga proyek sistem perparkiran tersebut dapat dijalankan. Nilai *PP (Payback Period)* sebesar 2.005 menunjukkan bahwa proyek sistem layak dikerjakan dengan investasi awal kembali dalam jangka waktu 2 tahun. Oleh karena itu, saran yang dapat diberikan untuk Universitas Panca Marga adalah dapat menerapkan kebijakan tarif parkir agar dapat menghasilkan kelayakan finansial dan meningkatkan nilai pendapatan.

**Kata kunci:** *analisis kelayakan, sistem parkir, Net Present Value, Payback Period*

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