



SURAT PENUGASAN

Nomor : ST/499/XII/2023/FEB-UBJ

Tentang

PENUGASAN DOSEN SEBAGAI PENULIS JURNAL

**FAKULTAS EKONOMI DAN BISNIS
UNIVERSITAS BHAYANGKARA JAKARTA RAYA**

Pertimbangan : Sehubungan dengan Penugasan dosen sebagai Penulis Jurnal yang dilakukan Dosen Fakultas Ekonomi dan Bisnis Universitas Bhayangkara Jakarta Raya semester Ganjil TA. 2023/2024. Dipandang perlu penugasan Dosen Tetap Fakultas Ekonomi dan Bisnis untuk melaksanakan kegiatan yang dimaksud. Untuk itu perlu mengeluarkan Surat Tugas.

Dasar : a. UU RI No.12 Tahun 2012 tanggal 10 Agustus 2012 tentang Pendidikan Tinggi.
b. Peraturan Menteri Riset Teknologi dan Pendidikan Tinggi No. 08 tahun 2019 tentang Standar Pelayanan Minimum.
c. Keputusan Kepala Kepolisian Republik Indonesia selaku Ketua Umum Yayasan Brata Bhakti Polri No. Pol : KEP/05/IX/1995/YBB tanggal 18 September 1995 tentang Pembentukan dan Pendirian Universitas Bhayangkara Jakarta Raya.
d. Surat Keputusan Ketua Pengurus Yayasan Brata Bhakti Nomor: Skep/11/I/2023/YBB tanggal 31 Januari 2023 tentang Pemberhentian dari dan Pengangkatan dalam Jabatan Dekan di Lingkungan Universitas Bhayangkara Jakarta Raya yang diselenggarakan Yayasan Brata Bhakti.
e. Surat Keputusan Rektor Universitas Bhayangkara Jakarta Raya Nomor: SKEP/155/VII/2023/UBJ tanggal 25 Juli 2023 tentang Kalender Akademik Semester Ganjil dan Genap Tahun Akademik 2023/2024.

DITUGASKAN

Kepada : 1. Nama : Matdio Siahaan, S.E., M.M.^{1,a}
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Untuk : 1. Melaksanakan tugas sebagai Penulis pada *AIP Conference Proceedings* dengan judul "*Blockchain Concept in Jakarta Smart Transportation Payment*" telah terbit pada Volume 2877, Issue1, 15 Desember 2023.
2. Melaporkan hasil pelaksanaan kegiatan tersebut secara tertulis kepada Dekan Fakultas Ekonomi dan Bisnis.
3. Melaksanakan tugas ini dengan penuh tanggung jawab.

Dikeluarkan di : Jakarta

Pada Tanggal : 14 Desember 2023

Dr. DEKAN FAKULTAS EKONOMI DAN BISNIS
WADEK II



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Tembusan:
- Arsip

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Blockchain concept in Jakarta smart transportation payment



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Blockchain Concept in Jakarta Smart Transportation Payment

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Abstract. The background of this research is how to find out the application of block chains in public transportation systems, using electronic money and digital wallets, the application of block chains in this study to determine the effectiveness of the electronic money storage system, which is used in public transportation payments, especially transportation in the city Jakarta. The research method used in this study is to use the literature review method, using the basis of journals and books, journals that have been read as many as 50 journals and books as many as 30 books, after the proposed system is made, a survey will be conducted which will be asked about the effectiveness of the system. It is proposed that a survey be conducted to 100 users of public transportation, with the basis of this research, it can be developed into a new research problem so that they can find novelties that can be used in the future. The problem raised in this research is the application of block chain technology which is applied to the public transportation system in the city of Jakarta, therefore it will be known the effectiveness of the block chain applied to the electronic payment system in public transportation modes. This study resulted in a proposed system whose effectiveness could be known based on a survey conducted to 100 users of public transportation. The results of the survey were 87% agreed with the application of the proposed system, and 13% disagreed.

Keywords: Block chain, Transportation, Payment, Jakarta, E Wallet.

INTRODUCTION

The application of block chain technology to the transportation system has begun to be implemented and has begun to show positive results, with block chain technology all payments will be made electronically, using the digital wallet method, with a digital money storage system, people do not need to carry cash In using public transportation, people