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KONVENSyen LITEM 2016
JUALAN AMAL
 26 & 27 NOVEMBER 2016 (8.00 AM - 10.00 PM)
 TAMBAH PESTA KONVENSyen LITEM 2016 MELAKA

PELBAGAI TUDUNG, TELERENG, KAN PANGSANG, BAIK KRISIT, BUKU DAN BANYAK LAGI, BERJENAMA DAN TERKENAL DI JALAN.
 "CANTIK, BERJENAMA, MURAH & BERAMBIK"

FKI-KK UTM

Study Resource

Double Degree - Master Programme

FKI-KK

PROGRAM LUTSAK DAN LUTSAK BUKU
 PROGRAM LUTSAK DAN LUTSAK BUKU
 PROGRAM LUTSAK DAN LUTSAK BUKU

7 DISEMBER 2016



UTeM "Just GO" Smart Vehicle Payment System using Deep Learning

MOTO INNO CUP 2018

Aliman, Yew Poh Leng, Weng Shih Ying, Wong Yui Shen, Cheong, Kalnain Bin Mohd Yusoff,
University Teknikal Malaysia Melaka



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UTM "Just GO" Smart Vehicle Payment System using Deep Learning

ibrahim Soliman, Yew Poh Lian, Chen Shen, Cheong Jia Mun, and Professor Dr. Zulkainain Bin Mohd...

FK-KK **MOTOROLA SOLUTIONS** **INTI**


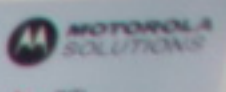
ABSTRACT
The project involves License Plate Detection Recognition (LPDR) to detect an artificial intelligent and to read engine based on GPU using which enables computer system to read automatically. Detect and recognize the registration number of vehicles with a high accuracy. Besides, this project is to design a multi-level flow vehicle payment system and develop user friendly vehicle and payment "Just GO" application. LPDR engine will be designed to read all vehicle license plate from Malaysia. It can be used in all types, public parking area such as shopping mall, hospitals and hotels, drive through and petrol stations which can provide an orderly payment, vehicle traffic congestion and help in tracking and security system. Typically, our system only received license plate image with our registered LPDR server and a database of these companies which are about detection, but detection was not a chemical recognition. From the results, our system can reach 90% accuracy in detecting license plate and 80% accuracy in detecting license plate number and recognizing vehicle license plate in a single stage.

PROBLEM STATEMENT
There are various issues in the current system. First, it is not accurate in detecting license plate number. Second, it is not accurate in detecting license plate number. Third, it is not accurate in detecting license plate number. Fourth, it is not accurate in detecting license plate number. Fifth, it is not accurate in detecting license plate number. Sixth, it is not accurate in detecting license plate number. Seventh, it is not accurate in detecting license plate number. Eighth, it is not accurate in detecting license plate number. Ninth, it is not accurate in detecting license plate number. Tenth, it is not accurate in detecting license plate number. Eleventh, it is not accurate in detecting license plate number. Twelfth, it is not accurate in detecting license plate number. Thirteenth, it is not accurate in detecting license plate number. Fourteenth, it is not accurate in detecting license plate number. Fifteenth, it is not accurate in detecting license plate number. 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Thirtieth, it is not accurate in detecting license plate number. Thirty-first, it is not accurate in detecting license plate number. Thirty-second, it is not accurate in detecting license plate number. Thirty-third, it is not accurate in detecting license plate number. Thirty-fourth, it is not accurate in detecting license plate number. Thirty-fifth, it is not accurate in detecting license plate number. Thirty-sixth, it is not accurate in detecting license plate number. Thirty-seventh, it is not accurate in detecting license plate number. Thirty-eighth, it is not accurate in detecting license plate number. Thirty-ninth, it is not accurate in detecting license plate number. Fortieth, it is not accurate in detecting license plate number. Forty-first, it is not accurate in detecting license plate number. Forty-second, it is not accurate in detecting license plate number. Forty-third, it is not accurate in detecting license plate number. 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One hundred, it is not accurate in detecting license plate number.

OBJECTIVES
1. To detect license plate number of vehicles in a single stage.
2. To detect license plate number of vehicles in a single stage.
3. To detect license plate number of vehicles in a single stage.
4. To detect license plate number of vehicles in a single stage.
5. To detect license plate number of vehicles in a single stage.
6. To detect license plate number of vehicles in a single stage.
7. To detect license plate number of vehicles in a single stage.
8. To detect license plate number of vehicles in a single stage.
9. To detect license plate number of vehicles in a single stage.
10. To detect license plate number of vehicles in a single stage.

REFERENCES
1. [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100]




"Just GO" Smart Vehicle Payment System using Deep Learning


 MOTO INNO CUP 2018
 Ibrahim Soliman, Yew Poh Leng, Wong Shih Ying, Wong Yun Shen, Cheong Jia Mun
 Professor Dr. Zukainain Bin Mohd Yusoff, University Teknikal Malaysia Melaka (UTeM)

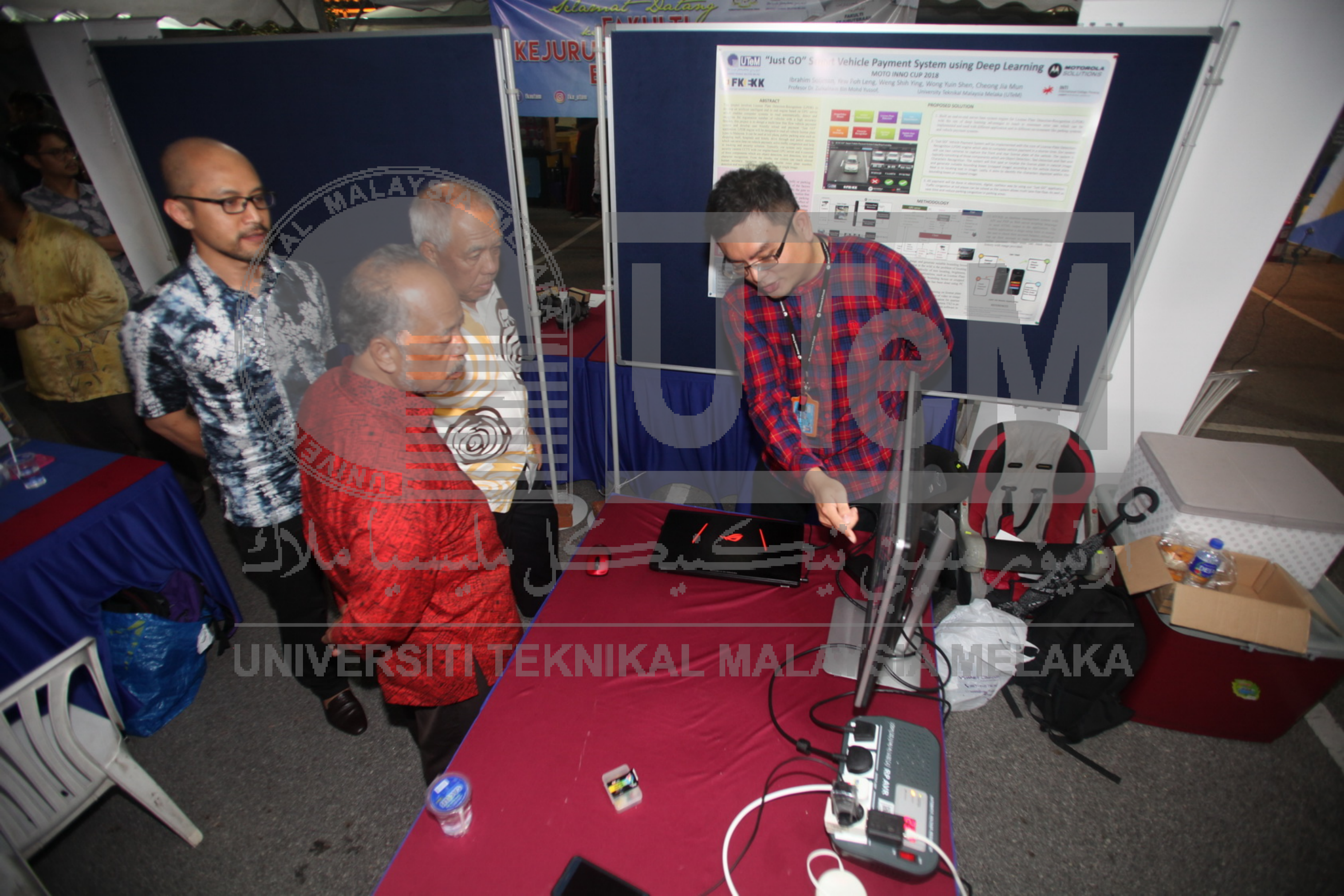
PROPOSED SOLUTION

1. Build an end-to-end smart lane system engine for Customer Place (Customer Registration, UTM) with the use of Deep Learning algorithm to detect & recognize smart road vehicle user for payment and toll with different applications and a different environment like parking system and vehicle payment system.

2. The "Just GO" smart payment system will be implemented with the use of Customer Place (Customer Registration, UTM) engine which also is connected with the use of Customer Place (Customer Registration, UTM) engine which also is connected with the use of Customer Place (Customer Registration, UTM) engine. The system will be able to capture the front and rear license plate of the vehicle. The system is capable of detecting license plate numbers and license plate colors. The system will be able to capture the front and rear license plate of the vehicle. The system is capable of detecting license plate numbers and license plate colors.

3. All payment will be done in electronic device, customer will be using user "Just GO" application. Traffic congestion at toll plaza can be solved as the system does not require user to stop the car and take time to collect payment in parking area.

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KEJURU

UM "Just GO" Smart Vehicle Payment System using Deep Learning **MOTOROLA SOLUTIONS**
MOTO INNO CUP 2018
 Ibrahim Saadiah, Iw Foh Leng, Weng Shih Ying, Wong Yun Shen, Cheong Jia Mun
 Professor Dr. Zakariah Bin Mohd Yusoff, University Teknikal Malaysia Melaka (UTeM)

ABSTRACT

The proposed system is a smart vehicle payment system using deep learning technology. It is designed to provide a seamless and secure payment experience for users. The system is based on a deep learning algorithm that can recognize license plates and identify vehicles. The system is designed to be user-friendly and easy to use. It is designed to be secure and reliable. The system is designed to be scalable and flexible. The system is designed to be cost-effective and efficient. The system is designed to be easy to integrate with existing systems. The system is designed to be easy to maintain and update. The system is designed to be easy to use and understand. The system is designed to be easy to learn and use. The system is designed to be easy to use and understand. The system is designed to be easy to learn and use.

PROPOSED SOLUTION

1. The proposed system is a smart vehicle payment system using deep learning technology. It is designed to provide a seamless and secure payment experience for users. The system is based on a deep learning algorithm that can recognize license plates and identify vehicles. The system is designed to be user-friendly and easy to use. It is designed to be secure and reliable. The system is designed to be scalable and flexible. The system is designed to be cost-effective and efficient. The system is designed to be easy to integrate with existing systems. The system is designed to be easy to maintain and update. The system is designed to be easy to use and understand. The system is designed to be easy to learn and use.
2. The proposed system is a smart vehicle payment system using deep learning technology. It is designed to provide a seamless and secure payment experience for users. The system is based on a deep learning algorithm that can recognize license plates and identify vehicles. The system is designed to be user-friendly and easy to use. It is designed to be secure and reliable. The system is designed to be scalable and flexible. The system is designed to be cost-effective and efficient. The system is designed to be easy to integrate with existing systems. The system is designed to be easy to maintain and update. The system is designed to be easy to use and understand. The system is designed to be easy to learn and use.

METHODOLOGY

The methodology of the proposed system is based on deep learning technology. The system is designed to be user-friendly and easy to use. It is designed to be secure and reliable. The system is designed to be scalable and flexible. The system is designed to be cost-effective and efficient. The system is designed to be easy to integrate with existing systems. The system is designed to be easy to maintain and update. The system is designed to be easy to use and understand. The system is designed to be easy to learn and use.

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Selamat Datang ke FAKULTI KEJURUTERAHAN UNIVERSITI TEKNIKAL MALAYSIA MELAKA

UTM "Just GO" Smart Vehicle Payment System using Deep Learning **MOTOROLA SOLUTIONS**
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FK-KK Ibrahim Saliman, Yew Fuh Leng, Weng Shih Ying, Wong Yui Shen, Cheong Jia Mun
 Professor Dr. Zukhrun Bin Mohd Yusoff, University Teknikal Malaysia Melaka (UTeM)

ABSTRACT
 The paper presents a novel 'Just GO' Smart Vehicle Payment System (SVPS) for the use of deep learning and real-time image processing to detect and identify the license plate number of vehicles with a high accuracy. The system is designed to be used in a parking lot where the license plate number of the vehicle is not clearly visible and the license plate number is not always in the same position. The system is designed to be used in a parking lot where the license plate number is not clearly visible and the license plate number is not always in the same position. The system is designed to be used in a parking lot where the license plate number is not clearly visible and the license plate number is not always in the same position.

PROPOSED SOLUTION
 The 'Just GO' Smart Vehicle Payment System will be implemented with the use of license plate detection and license plate recognition. The system will be used to detect and identify the license plate number of the vehicle. The system is designed to be used in a parking lot where the license plate number is not clearly visible and the license plate number is not always in the same position. The system is designed to be used in a parking lot where the license plate number is not clearly visible and the license plate number is not always in the same position.

METHODOLOGY
 The methodology of the system is based on deep learning and real-time image processing. The system is designed to be used in a parking lot where the license plate number is not clearly visible and the license plate number is not always in the same position. The system is designed to be used in a parking lot where the license plate number is not clearly visible and the license plate number is not always in the same position.

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Mobile Payment System using Deep Learning
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University Teknikal Malaysia Melaka (UTeM)

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