



FINAL YEAR PROJECT REPORT

VAN ON

**In fulfillment of the requirement
For degree of
BS (COMPUTER SCIENCES)**

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SPRING-2023

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We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

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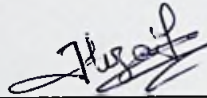
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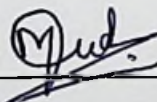
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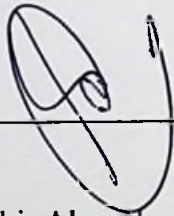
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APPROVAL FOR SUBMISSION

We certify that this project report entitled "VAN ON" was prepared by **WALEED SHAIKH, MUHAMMAD HUZAIFA AND MUDDASSIR ALI KHAN** has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Science in **BSCS** at Bahria University, Karachi.

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Specially dedicated to
My beloved grandmother, mother and
father(Waleed Shaikh)
My beloved grandmother, mother and
father(Muhammad Huzaifa)
My beloved grandmother, mother and
father(Muddassir Ali Khan)

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VAN ON

ABSTRACT

VAN ON is a comprehensive tracking and management system that provides an application and web interface for tracking vans to benefit administrations, vendors, and passengers. Positive answers and recommendations will inspire other organisations to implement this system, resulting in more commercial opportunities. The solution will allow administrations and vendors to operate vans more efficiently, including payment processing. Van On solves a number of challenges in the present transport system, including security concerns caused by long wait times at pickup sites, late fee payments, students being late for courses, drivers being late and the potential of snatching or kidnapping at pickup points. Our mission is to improve people's lives by providing effective monitoring services with a particular emphasis on safety. The creation of a computerised van management system is intended to address the limitations of the manual transportation method. Our goal is to improve the organization's existing mobility infrastructure. Security concerns, the inability of organisations and passengers to trace their vans, manual payment processing, a lack of records for suspended drivers, and driver punctuality are among the key issues addressed. Our purpose is to enable organisations to monitor vehicles, saving them time and assuring their safety. We try to improve the whole transportation experience by prioritising safety and efficiency. VAN ON is a complete tracking and management system that seeks to transform van transportation. It provides a user-friendly application and a web gateway that allows administrators, vendors, and passengers to track vans in real time. Administrations can use VAN ON to efficiently manage their fleet of vans, track their whereabouts, and ensure timely pickups and drop-offs. This reduces the possibility of theft, snatching, or kidnapping situations by allowing passengers to track the arrival and departure of vehicles. Furthermore, VAN ON solves the issue of late fee payments by implementing a streamlined payment method. Passengers can quickly make payments through the app or web interface, avoiding the need for manual processing and lowering the likelihood of payment delays or missed payments.

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