

Smart E-Pass

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Abstract: *In today's world of technology and increasing use of android phone in an important part in human beings. Efficient urban transportation systems are crucial for sustainable development in cities worldwide. This abstract presents a novel approach to enhancing urban mobility through a QR Code-Based Smart Bus Pass System. Unlike traditional methods, this system employs QR code technology, enabling passengers to access bus services conveniently through their smartphones. By scanning QR codes displayed at bus stops or within vehicles, passengers can instantly validate their passes, eliminating the need for physical cards or paper tickets. The application provides a user-friendly interface between user, admin and conductor. we are providing QR code instead of the ticket. User can scan the QR code. In this app, there is login and sign-up page after login or sing up your profil has been created.*

Keywords: E-pass

REFERENCES

- [1]. Smart Public Transport Ticketing Systems: A Review" (2019) by M.A. Hannan, M.N. Huda, et al.
- [2]. QR Codes in Public Transport – A Review" (2019) by Lea Friedl, Wolfgang Kastner, et al.
- [3]. QR Codes in Public Transport – A Review" (2019) by Lea Friedl, Wolfgang Kastner, et al