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(57) Abstract :  
 A system (100) and a method (300) for monitoring a transport bus is provided. The system (100) includes a controller (102) configured to manage a plurality of platforms (104) integrated with the system (100). The plurality of platforms (104) include a location tracking module (106), a seat availability module (108), a biometric detection module (110), an emergency module (112), and an alert module (114). The system 100 helps in tracking and monitoring transport buses in real-time, providing information on seat availability, GPS location, and route details. The system (100) helps in ensuring that all passengers are able to travel safely and conveniently. The system (100) helps in reduce overcrowding on buses, ensuring that passengers are able to travel comfortably and safely. The system (100) can be easily integrated with existing public transportation systems, making it a cost-effective and efficient solution for improving the safety and security of public transport.

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