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(57) Abstract :

The present disclosure provides an automated fare collection system (100) in public transport and also enables visually impaired passengers to use the proposed system (100) easily. The fare collection system (100) attached to a vehicle, and enables one or more passengers to travel on an individual card, and an infrared sensor (106) attached to the door of the vehicle to detect number of passengers while boarding and exiting the vehicle. The housing includes a processing unit (110) configured to open and close the door based on the number of times the card is swiped and correspondingly enabling an equivalent number of passengers to board and exit from the vehicle.

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