Tag Parking Meter System (TPMS)

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Personal Information

Title of the Project/Product: Tag Parking Meter System (TPMS)

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Location: East London, South Africa

Technology Maturity: Prototype
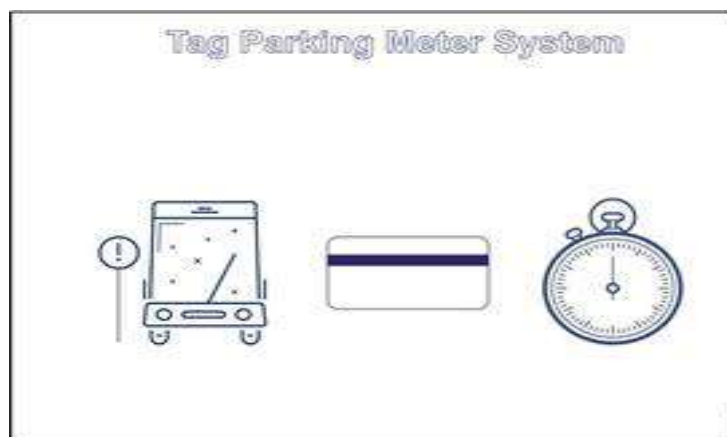
Type of Industry: ICT

Technical Area: ICT

Intellectual Property: Not Yet

Desired Relationship: Funding and Co-development Partner

Brief Summary:

The Tag Parking Meter (TPM) System is a new parking meter system designed to enhance convenience for drivers by enabling cashless and self-counting parking meter service. The service is accessed through a prepaid tag that is used to tag Entry and Exit of a parking bay managed through visible dashboard.

Technology Offer Detailed Description:

The Tag Parking Meter alerts a user of available parking bays before a user arrives at a parking area, tagging enters or exits a parking bay instantly. The Tag Parking Meter consists of a tag reader that is mounted at a convenient spot for a selected number of parking bays. The display of the meter outputs requests and feedback to the user and is accessible through a Mobile App. This provides a regulated and monitorable parking management system for municipalities and users offering the following benefits:

- Cashless system
- Eliminate interference and unsolicited assistance from unauthorised personnel
- Eliminate the need for parking meters and the accompanying risk of theft & vandalism.
- Provision of an accurate duration of parked time between tags entry/exit hence the driver pays for exactly the duration of time spent on the particular parking bay occupied
- Provides a service to display available parking lots in a region

Team and Related Experience:

Zuko Zenani is a co-founder and a director for HotStuff Innovation Solutions. He is in his final year studies for an NDip: Information Technology (Software Development) at Walter Sisulu University.

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