

iMbobo App NCP

Tel: +27.87 791 5984

Email: info@imbobo.org.za

25th May 2022

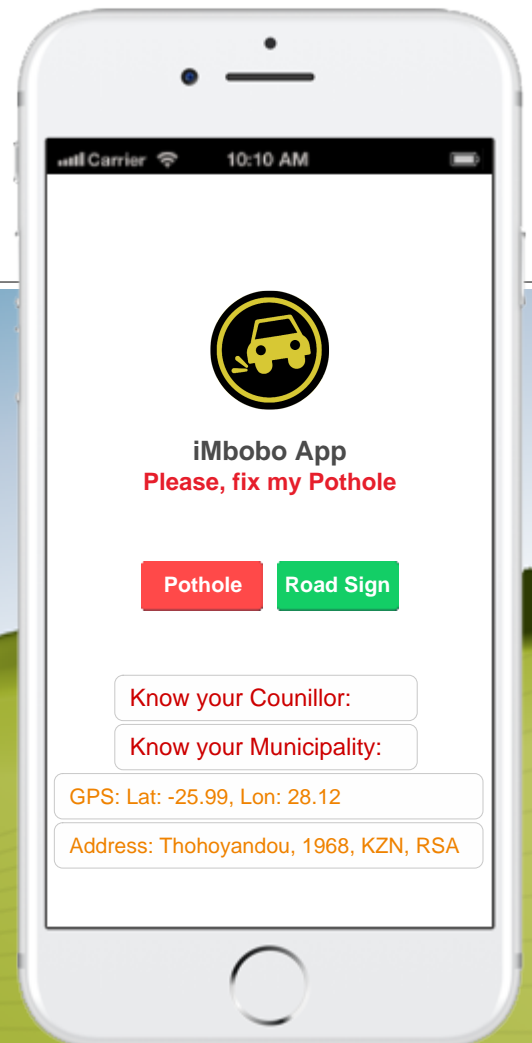
OVH Electric Vehicle (EV) Company Head Office,
Halfway Gardens Office Park, Midrand



NPC Reg No.: 2021/539541/08

(Ensuring our roadways stay even and clear surfaces free of potholes.)

4IR ROAD SAFETY INITIATIVE METHODOLOGY





METHODOLOGY

The iMbobo App is very simple and easy to use. It comprises only four (4) major steps of which only one (1) out of four (1/4) gets to be performed by humans, in this case: drivers, while the other three (3) out of four (3/4) get to be performed by an artificial intelligent non-biological person named Tsietsi.



Identify Geo-Location



Street Name, Suburb, GPS (Latitude & Longitude)



Identify Municipality & Ward Councillor



and Region, Ward No., Leadership (Councillor)



Report a Pothole



Notify Municipality & Ward Councillor



1. Notify SAPS (Nearest) *(National Road Traffic Act, No 93 of 1996)*



2. Notify Municipality *(National Land Transport Act, No. 5 of 2009)*



3. Notify Ward Councillor *(National Land Transport Act, No. 5 of 2009)*



4. IN-CASE-OF-VEHICLE-DAMAGE: Notify Car Insurance



5. IN-CASE-OF-INJURY: Notify RAF (Road Accident Fund)



6. IN-CASE-OF-INJURY: Notify Department of Labour (Provincial Office)

(Road Accident Fund Act, No. 56 of 1996); and

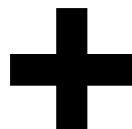
(Compensation for Occupational Injuries and Diseases Act, No. 130 of 1993)

Tsietsi

[AI - Artificial Intelligence]



[Litigation - Claims]



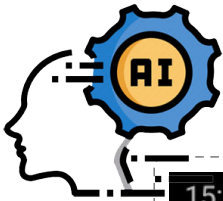
Imbobo App NPC:

Council Members: Azwihangwisi Netshikulwe (President), Johannes Mabela (Vice President), Sibitiwe Pereira (Treasurer)
Netshiaba Ndivhuwo (Secretary), Lebohang Skhosana (Vice Secretary)
Eric Mulovhedzi (CEO: OVH Self-Driving Car)




STEP 1: Identify Geo-Location

In this step, the OVH artificial intelligent non-biological person, Tsietsi, intelligently probes and identifies the geographic location of the driver inside the vehicle. The geographic location comprises: latitude & longitude; street address; suburb; postal code; town; city; municipality; province; and country code.



Tsietsi (4IR - AI - Non-Biological Person)

15:11 [Icons] [Signal/Location Icons]



iMbobo App
Please, fix our Potholes

Pothole **Road Sign**

Councillor: ANNETTE DEPPE, Ward# 132, Region A

CITY OF JOHANNESBURG METROPOLITAN MUNICIPALITY

Lat: -25.99 Lon: 28.11

Street: Asparagus Road

Address: Halfway Gardens, Midrand, Gauteng, 1686

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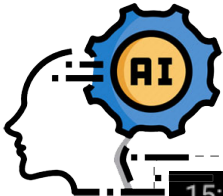
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STEP 2: Identify Municipality & Ward Councillor

Again, in this step, the OVH artificial intelligent non-biological person, Tsietsi, intelligently probes and identifies the municipality's political subdivision location of the driver inside the vehicle, incorporating recommendations by the Municipal Demarcation Board (MDB) as well. The political subdivision location comprises: municipality; municipal budget; region number; ward number; ward councillor; and political party affiliation.



Tsietsi (4IR - AI - Non-Biological Person)

15:11

iMbobo App
Please, fix our Potholes

Pothole Road Sign

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STEP 3: Report a Pothole

In this step, a flesh & blood person, vehicle driver, simply takes a picture of the pothole by clicking on a round button labeled "Take a Photo". Also, the app gives the driver the ability to take the second picture incase of any damages that might have otherwise occurred on the actual vehicle.

In the event that an injury has occurred, a driver can also take the third picture of their injury.



Humans (Flesh & Blood Persons)

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**Drop Down Selection: Vehicle Damage**

In the event that damage has occurred to the vehicle, "Vehicle Damage" select dropdown button gives the driver the ability to describe the nature of damage to the vehicle. This is a requirement by the SAPS's Accident Report (AR) Form as envisaged in the "National Road Traffic Act, No 93 of 1996".

It describes where exactly would be the position of damage around the vehicle, for example: Right front; Right mid-front; Roof, Bonnet etc.

Drop Down Selection: Road Surface

In the event that damage has occurred to the vehicle, "Road Surface" select dropdown button gives the driver the ability to describe the nature of the road surface at the time when the vehicle got damaged. This is a requirement by the SAPS's Accident Report (AR) Form as envisaged in the "National Road Traffic Act, No 93 of 1996".

It describes what exactly would the road surface conditions be at the time when the damage occurred to the vehicle, for example: Dry; Wet; Ice, Snow etc.

Drop Down Selection: Weather Condition

In the event that damage has occurred to the vehicle, "Weather Condition" select dropdown button gives the driver the ability to describe the weather conditions at the time when the vehicle got damaged. This is a requirement by the SAPS's Accident Report (AR) Form as envisaged in the "National Road Traffic Act, No 93 of 1996".

It describes what exactly would the weather condition conditions be at the time when the damage occurred to the vehicle, for example: Clear; Rain; Snow; Hail etc.

Drawing: Sketch

Lastly, the "Sketch" button gives the driver the ability to describe, in a form of a drawing, a diagram depicting scene at the time when the vehicle got damaged. This is a requirement by the SAPS's Accident Report (AR) Form as envisaged in the "National Road Traffic Act, No 93 of 1996".

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**Text: Comments**

Drivers can type-in comments to further describe the accident scene in a more contextual form by means of using text.

After the driver has completed all the above-mentioned steps, they can then click on the "Submit" button, in order to report a pothole and the accident that might have otherwise occurred in the scene.

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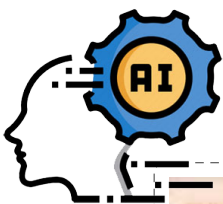
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STEP 4: Notify Municipality & Ward Councillor

To allow possible Claims, the OVH artificial intelligent non-biological person, Tsietsi, then intelligently notifies the designated municipality together with the designated ward councillor, of a new pothole that has just been logged within their jurisdiction according to the political location subdivision and the Municipal Demarcation Board (MDB) in conjunction with the nearest South African Police Service (SAPS) among the 1,154 police stations currently available in the republic.

NB: The notifications gets sent automatically in real-time and in the form of the Accident Report (AR) PDF form exactly as prescribed by the "National Road Traffic Act, No 93 of 1996".



Tsietsi (4IR - AI - Non-Biological Person)

Police station area where accident occurred Form of

(* COMPLETE IF APPLICABLE)

Accident Report (AR) Form

For official use only

Traffic Accident Register Number

Capturing Authority Number

Accident date (DD/MM/YYYY): / /

Day of week: Su M Tu W Th F Sa

Number of vehicles involved

Time of accident (24h) : :

LOCATION

Built-up area: Y ☐ N ☐

Province 1. EC 2. FS 3. GP 4. KZN 5. MP 6. NW 7. NC 8. LM 9. WC

Street/road name/road number

TOWN/CITY

*At intersection with (Street/road name/road no.)

*Or between (Street/road name/road no.) and (Street/road name/road no.)

*Suburb (if in City/Town)

*City/Town name

FREEWAY/RURAL

*At intersection with (Road number/name)

*Or approximately km measured in compass direction N S E W

from (Describe first point eg. town, river, bridge, culvert, interlocking street or road, small ramp of interchange, name of building/house, gate number, etc.)

*Information on kilometre marker: Road no/section km

*Between (City/town) And (first city/town)

*GPS reading: X co-ordinate Y co-ordinate

PARTICULARS OF DRIVER A OR		DRIVERS	PARTICULARS OF DRIVER B OR	
/		ID type/ ID number	/	
Initials		Country of origin of ID	Initials	
Age		Surname	Age	
Residential/home address		Telephone number	Residential/home address	
Work/contact address		Cellphone/other number	Work/contact address	
How would you describe the driver?		Gender	How would you describe the driver?	
Driving licence number		Driving licence code	Driving licence number	
A1 A B C1 C EB			A1 A B C1 C EB	

1. Asian 2. Black 3. Coloured
4. White 98. Other 00. Unknown
1. Male 2. Female 0. Unknown

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**IN-CASE-OF-VEHICLE-DAMAGE: Notify Car Insurance**

In the event that damage has occurred to the vehicle, the OVH artificial intelligent non-biological person, Tsietsi, then intelligently notifies the vehicle's insurance company.

NB: The notifications gets sent automatically in real-time and in the form of the Accident Report (AR) PDF form exactly as prescribed by the "National Road Traffic Act, No 93 of 1996".

IN-CASE-OF-INJURY: Notify RAF (Road Accident Fund)

In the event that an injury has occurred to the driver, the OVH artificial intelligent non-biological person, Tsietsi, then intelligently notifies one of the nearest Road Accident Fund (RAF) offices for a possible Road Accident Fund Claim.

NB: The notifications gets sent automatically in real-time and in the form of the Accident Report (AR) PDF form exactly as prescribed by the "National Road Traffic Act, No 93 of 1996" and the "Road Accident Fund Act, No 56 of 1996".

IN-CASE-OF-INJURY: Notify Department of Labour (Provincial Office)

Again, in the event that an injury has occurred to the driver, the OVH artificial intelligent non-biological person, Tsietsi, then intelligently notifies the Department of Labour's designated provincial office for a possible Road Accident Fund Claim.

Note that this functionality only applies to TRUCK drivers and TAXI drivers. UBER and TAXIFY drivers are not yet recognized as employees but independent contractors pending court applications for amendment of the Labour Relations Act (LRA).

NB: The notifications gets sent automatically in real-time and in the form of the Accident Report (AR) PDF form exactly as prescribed by the "National Road Traffic Act, No 93 of 1996" and the "Compensation for Occupational Injuries and Diseases Act (No 130 of 1993) (COIDA) & [Amendment Act (No 61 of 1997)]".

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CONTACT US

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 @iMboboApp

Unit A1, A2, A3 Halfway Gardens Office Park

Cnr Fred Verseput & Asparagus Road

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