



ORACLE

Add-Ons

Identity Management Tool - Expansion

Safe harbor statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions.

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Car Plate – Management

- 1. Data and restrictions
 - 1. Definition car plate number
 - 2. Other attributes
- 2. Simple ER Model
- 3. Enduser Scenarios
 - 1. Insert New Vehicle
 - 2. Delete Vehicle
- 4. Front Desk Services
 - 1. Search Vehicle
 - 2. Report Vehicle



Microsoft
Excel-Arbeitsblatt

Car Plate – 1.1 Definition car plate number

Plate Short Cut / Number -> overall max. 8 signs, min 5 signs

“Unterscheidungszeichen”

“Erkennungsnummer”



1-3 characters*

1-2 letters

1-4 integer

* Restrictions for normal endusers (see details on next page)

ALWAYS

FORBIDDEN

Ä, Ü, Ö

No “HJ”, “KZ”, “NS”,
“SA”, “SS”

Not begins
with “0”

Partial FORBIDDEN:

AH, HH, SD, IS,

Car Plate – 1.1 Definition car plate number

Only added by administrator: starting with following “Unterscheidungszeichen”

BD Dienstfahrzeuge des [Bundestages](#), des [Bundesrates](#), des [Bundespräsidialamtes](#), der [Bundesregierung](#) und des [Bundesverfassungsgerichts](#)

BG Dienstfahrzeuge des [Bundesgrenzschutzes](#)

BP^I Dienstfahrzeuge der [Bundespost](#)

BP^{II} Dienstfahrzeuge der [Bundespolizei](#)

Dienstfahrzeuge der [Bundes-Wasser- und Schifffahrtsverwaltung](#)

BW Dienstfahrzeuge der [Bundes-Wasser- und Schifffahrtsverwaltung \(Wasser- und Schifffahrtsdirektionen\)](#)

Dienstfahrzeuge der [Bundes-Wasserstraßen- und Schifffahrtsverwaltung \(Generaldirektion Wasserstraßen und Schifffahrt\)](#)

DB Dienstfahrzeuge der [Deutschen Bundesbahn](#)

THW Dienstfahrzeuge der [Bundesanstalt Technisches Hilfswerk](#)

X Dienstfahrzeuge der auf Grund des [Nordatlantikvertrages](#) errichteten internationalen militärischen [Hauptquartiere](#), die ihren regelmäßigen Standort im Inland haben

Y Dienstfahrzeuge der [Bundeswehr](#)

0-1

0-2

0-3

0-4

0-10 ff

0, B oder BN

1-1

Dienstfahrzeug des [Bundespräsidenten](#)

Dienstfahrzeug des [Bundeskanzlers](#)

Dienstfahrzeug des [Außenministers](#)

Dienstfahrzeug des [Ersten Staatssekretärs](#) im [Auswärtigen Amt](#)

Dienstfahrzeug des [Diplomatischen Corps](#) im [Auswärtigen Amt](#)

Unterscheidungszeichen des [Diplomatischen Corps](#)

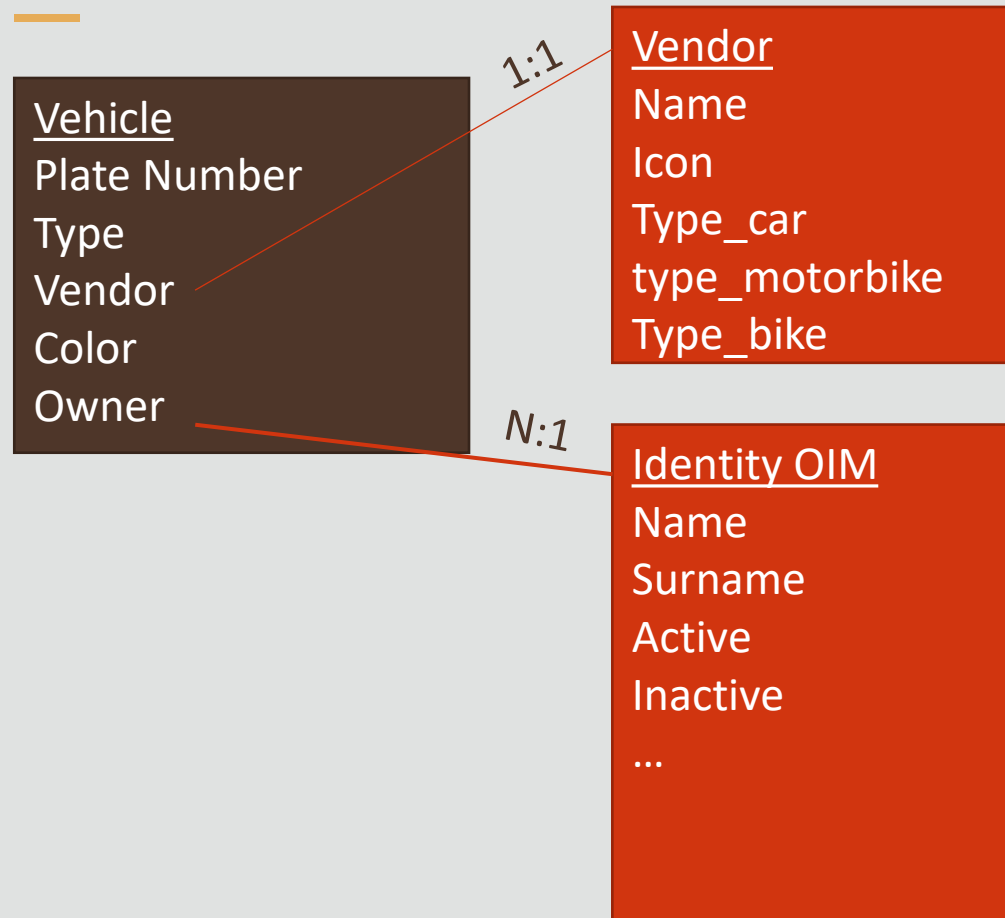
Dienstfahrzeug des [Bundestagspräsidenten](#)

BBL	Brandenburg, Landesregierung und Landtag Brandenburg, Landesregierung, Landtag und Polizei
BWL	Baden-Württemberg, Landesregierung und Landtag Polizei
BYL	Bayern, Landesregierung und Landtag
HB	Senat und Bürgerschaft der Hansestadt Bremen
HEL	Hessen, Landesregierung und Landtag
HH	Senat und Bürgerschaft der Freien und Hansestadt Hamburg
LSA	Sachsen-Anhalt, Landesregierung und Landtag Polizei
LSN	Sachsen, Landesregierung und Landtag Mecklenburg-Vorpommern, Landesregierung und Landtag
MVL	Mecklenburg-Vorpommern, Landesregierung (einschließlich Landespolizei) und Landtag
NL	Niedersachsen, Landesregierung und Landtag
NRW	Nordrhein-Westfalen, Landesregierung und Landtag Polizei
RPL	Rheinland-Pfalz, Landesregierung, Landtag und Landtag Polizei
RWL	Nordrhein-Westfalen, Landesregierung und Landtag
SAL	Saarland, Landesregierung und Landtag Polizei
SH	Schleswig-Holstein, Landesregierung und Landtag Polizei
THL	Thüringen, Landesregierung und Landtag

Car Plate – 1.2 Other attributes

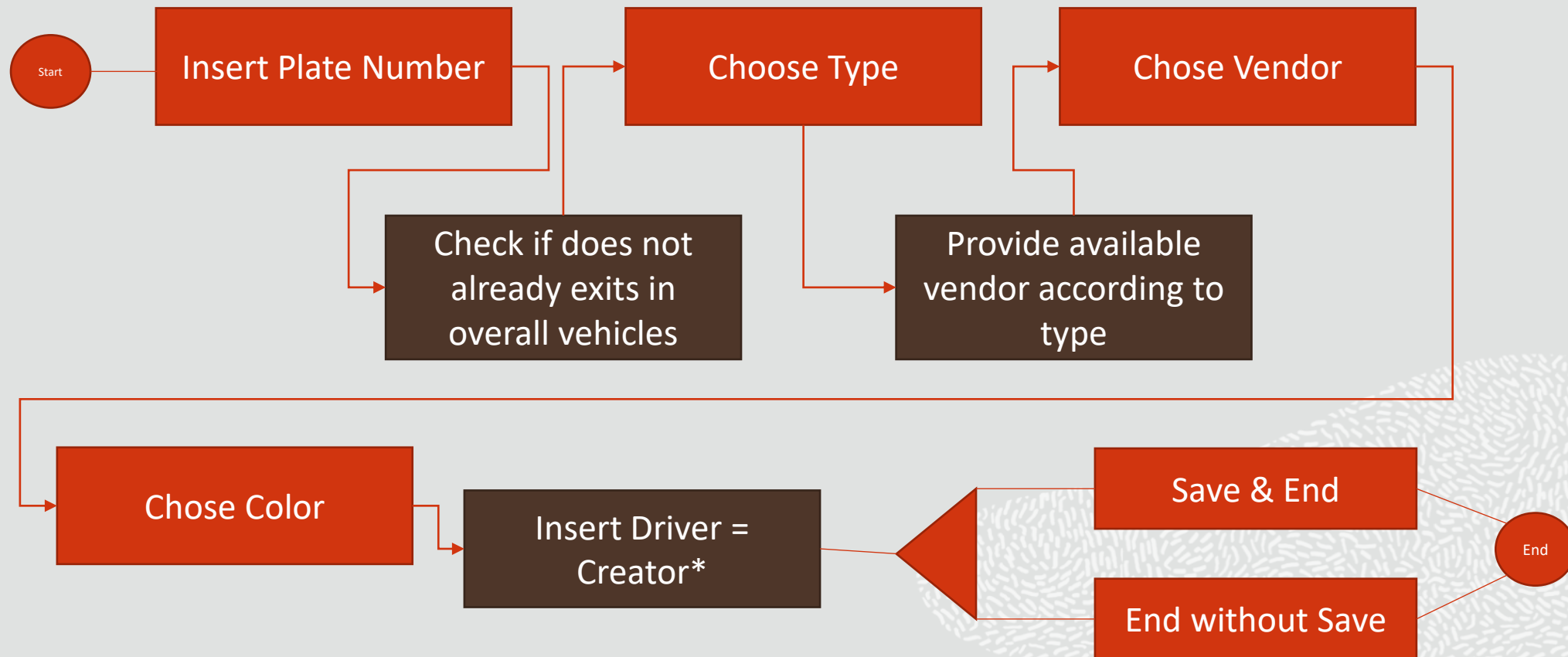
Attribute	Data format or restrictions	description
Car plate number (unique) “Kennzeichen”	See slides before	Car plate number is unique in the system at a certain moment but not in history.
Type (single choice) “Typ”	Look up { “Personenkraftwagen (Pkw)” “Motorräder (Krad)” “Leichtkrafträder” “Quad”}	Describes the type of vehicle. For all types described car plate number definition is valid.
Vendor (single choice) “Hersteller”	Look up {see separate excel}	Specifies vendor of provided vehicle
Color (single choice) “Farbe”	Look up {“Schwarz”, “Blau”, “Grün”, “Silber”, “Grau”, “Rot”, “Weiß”, “Gelb” }	Specifies major color of vehicle
Driver (single entry) “Halter”	Reference to identity	Driver of vehicle

Car Plate – 2.1 Simpel ER Model



- ☐ An identity can have more than one car
- ☐ Only active identities can have vehicle
- ☐ When status of an identity switches vehicles are being deleted
- ☐ A vehicle has only one driver
- ☐ An driver can only modify/see his/her own vehicle
- ☐ Only
 - ☐ Xelsysadm
 - ☐ Identities with an administrator role
 - ☐ Containing capacity “user viewer” scope of control “top”
- ☐ Can see all vehicles

Car plate – 3.1 Enduser Scenarios (Insert New Vehicle)



Car plate – 3.1 Enduser Scenarios (Create new Vehicle)

0. identity must be in status active

1. User must enter car plate number, when all validation checks passed successfully its possible to go to step 2
 1. Not containing forbidden combinations as defined on slide 5
 2. Not entered an existing combination
2. Choose of type of vehicle
3. According to the type of vehicle end user can choose out of an lookup of vendors (e.g if chosen quad only “Anderer” is possible, if chosen “Leichtkrafträder” only “Vespa” or “Anderer” is possible)
4. Choose color
5. Owner is automatically filled out with identity who is creating the vehicle, field can not modified by an normal enduser
6. End user can press save or close without saving

Car plate – 3.1 Enduser Scenarios (Create new Vehicle)

- Everyone who has access to xelsysadm or has an adminrole which contain the capacity with “user viewer” on level top is also able to see all current vehicles
 - Alternative new capacity “manage vehicle” with scooping possibilities on organizations
- to see other vehicle allows
 - to modify “owner field “
 - Enter partial forbidden car plate numbers

Car plate – 3.2 Enduser Scenarios (Delete new Vehicle)

- Enduser can delete own vehicle at any time, it is not necessary that ever identity own at least one vehicle or is limited to a number of vehicles
- Administrator are allowed to delete vehicle no matter who owns the car
- When an identity (so an vehicle Owner) is changing his/her status all vehicle shall be deleted automatically (no matter if inactivity is only for a limited time)

Car plate – 4 Front Desk Service

For security purpose employees from front desk must have access to all vehicle to check if vehicles parked withing company area are valid

Therefore a reporting function is necessary:

-> if possible

4.1 an employee must be able to search for an specific car plate

4.2 if a searched car plate is matching more detail information must be provided

Car plate – access management



enduser



admin

Self Service Area

My Vehicle

Like “My Information”
Only own vehicle are visible
{Create, Delete}
Every identity has “My Vehicle”
{Create, Modify, Delete}
Admins can see every vehicle



Front desk

Compliance Area

Report Vehicle

Using Report Feature in Compliance Area?

Report build in BI Publisher?

Migration Ideas

- Phase 1: Using Microsoft AD as Identity Source, Linking Car Plate Driver with BK Number
- Developing EPOS connector
- Phase 2: Throw away OIM Installation than using EPOS as Identity Source

Thank you

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