

Validation Certificates App

A Client needs to implement Odoo as a system for his company that is working in the field of vehicles validation certificates. The client company is licensed by the Ministry of interior to check vehicles and issue validation certificates to them.

The system should be able to record and print the validity certificates with the following screens:

Certificates App

CertificatesCertificates TypesTraffic DepartmentCustomers

Administrator (ITI)

Certificate

Search...

Create

FiltersGroup ByFavorites

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Serial Number	Vehicle Type	Certificate Type	Traffic Department	Customer	Car Model	Brand	Price
<input type="checkbox"/> TD0000002	Mini Bus	Motor Change	6th October	Ahmed Ali	2020	Toyota	500

500

Certificates App

CertificatesCertificates TypesTraffic DepartmentCustomers

Administrator (ITI)

Certificate / Ahmed Ali

EditCreate

Action

1 / 1

Print Certificate

Vehicle Type

Mini Bus

Certificate Type

Motor Change

Traffic Department

6th October

Customer

Ahmed Ali

Price

500

Motor Number

123456

Chassis Number

CO54982021

Car Model

2020

Brand

Toyota

Certificates App

CertificatesCertificates TypesTraffic DepartmentCustomers

Certificate Type

Search...

Create

FiltersGroup ByFavorites

<input type="checkbox"/> Name
<input type="checkbox"/> Chassis Fix
<input type="checkbox"/> Motor Change

Certificates App Certificates Certificates Types Traffic Department Customers Administrator (ITI)

Traffic Department Search...

Create

Filters Group By Favorites 1-3 / 3 < >

<input type="checkbox"/> Name
<input type="checkbox"/> Aboud
<input type="checkbox"/> Nasrcity
<input type="checkbox"/> 6th October

Certificates App Certificates Certificates Types Traffic Department Customers Administrator (ITI)

Customers Action Search...

Create

Filters Group By Favorites 1-1 / 1 < >

<input type="checkbox"/> Name	Phone
<input type="checkbox"/> Ahmed Ali	01273145549

Notes for certificates form view:

1 – Vehicle types are predefined list of (Car, Bus, Minibus, Microbus)

2 – Certificate type should be a dropdown list that contains all certificate types that our client has a license to issue, keeping in mind that these certificate types should be extendable by the client if he/she was able to get any new license in the future.

Examples of certificate types: Motor Change, Chassis Fix, ... etc

3 – Traffic departments should be a dropdown list with all departments that our client has a license to deal with, keeping in mind that these departments should be extendable by the client if any new department added in the future.

Examples of traffic departments: 6th October, Nasrcity, Aboud ... etc

4 – The customer field should be related with “res.partner” model of odoo.

5 – Car model field should be a dynamic list that is generated automatically and lists all years between current year and 20 years before.

For example, if we are in 2024, then the list should contain all years between 2004 and 2024

6 – Brand field should be a dropdown list that contains vehicle brands added by the client.

Examples of brands: Mercedes, BMW, Toyota, ... etc.

7 – Each certificate should have an automatic serial number that is using odoo sequences and has the following format: *TD00001, TD00002, ...etc.*

8 – The print button should be able to generate the pdf report of the certificate like the following template:

شهادة صلاحية

السيد اللواء مدير إدارة مرور / 6th October

تحريرا في 04/07/2022

تحية طيبة وبعد ،،،،

أتشرف بإفادة سيادتكم بأنه تم تعديل / Motor Change

شاسيه رقم /	CO54982021	محرك رقم /	123456
الماركة /	Toyota	موديل /	2020
اسم المالك /	Ahmed Ali		

حيث أن المؤسسة معتمدة بالهيئة العامة للتنمية الصناعية ومصلحة الرقابة الصناعية ومعتمدة بإدارات المرور ولها سجل تجاري صناعي وبطاقة ضريبية بهذه الصفة وقد تم فحص التعديل والتركيب واللحامات والإصلاحات اللازمة طبقا لأصول الصناعة ودون الإخلال بالتصميم الأصلي ودون المساس بالأجزاء الجوهرية للسيارة وقد تم تجربة السيارة على الطرق المصرية ووجد أنها متزنة وهذه شهادة منا بذلك لتقديمها للمرور والمالك مسؤول مسئولية كاملة عن بيانات الشهادة فبرجاء التكرم والتفضل بالموافقة على ترخيص السيارة

وتفضلوا بقبول فائق الاحترام والتقدير،،،،

Notes about user types:

1 – There are two types of users:

- A. Normal Users
- B. Supervisors

2 – Each normal user can create and read only the certificates he/she has issued.

3 – Supervisors can create/read/update/delete any certificate.

4 – For security reasons we need to restrict each normal user to be able to print the issued certificate only once and we need to keep track with the timing he/she has printed the certificate

5 – The Supervisors will be able to allow reprinting for any certificate by clicking a button called “Allow Reprint” in the certificate form view. Once the supervisor clicked this button on any certificate, the normal user should be able to print it again.

6 – Normal users should have read-only access on all certificate types, customers, traffic departments and vehicle brands

7 – Supervisors should have read/create/update/delete access on all certificate types, customers, traffic departments and vehicle brands

Bonus:

- Add translation for the system to be Arabic/English.

Project Deadline:

14 July 2022, 9:00 AM

- The project should be delivered in a github/bitbucket repository