

Automathon-2021

Vaahan Registration

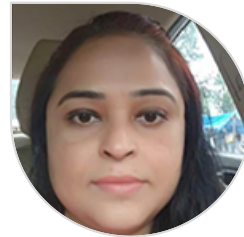


Let's meet The Embee's Team



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Practice Head - Enterprises Business Application



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Developer- Azure Pass



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Developer- Enterprise Applications

Why go for Vaahan Registration?

Integrate, Operate, Monitor & Connect at one place

PROBLEMS

Inserting the data multiple times by user

01

Difficulty in data management

02

Less efficient process due to manual interventions

03

To build the same solution in other platform will be a time taking process

04



01

Automation of data inserting process

02

Reduction in errors and manual intervention

03

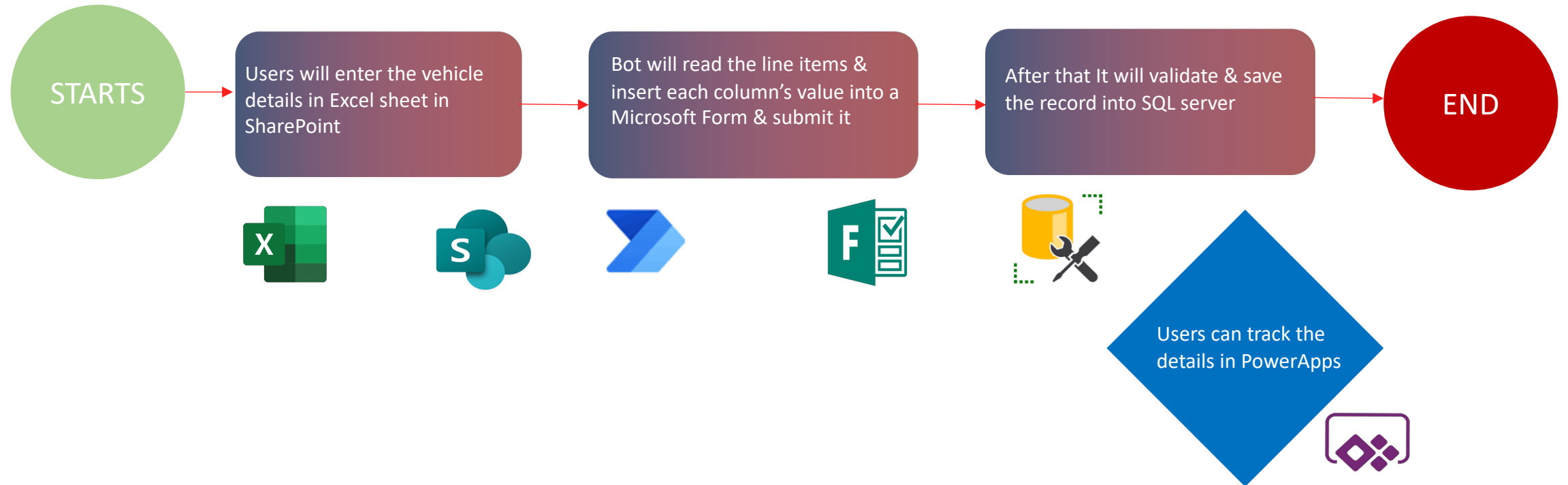
Improved collaboration and productivity

04

Time efficient & Cost-effective Solution

SOLUTIONS

Process flow



Overall process

- ✓ Users will enter vehicle details in excel.
- ✓ Power Automate will capture the details for each rows.
- ✓ RPA will open the Microsoft Form & fill the details with row wise & submit it.
- ✓ The details will be validated & stored in SQL server.
- ✓ Admin users can track vehicle details via PowerApps Interface.

Tools & Technologies

Power Automate Online & Desktop

PowerApps

SharePoint Online

Microsoft Forms

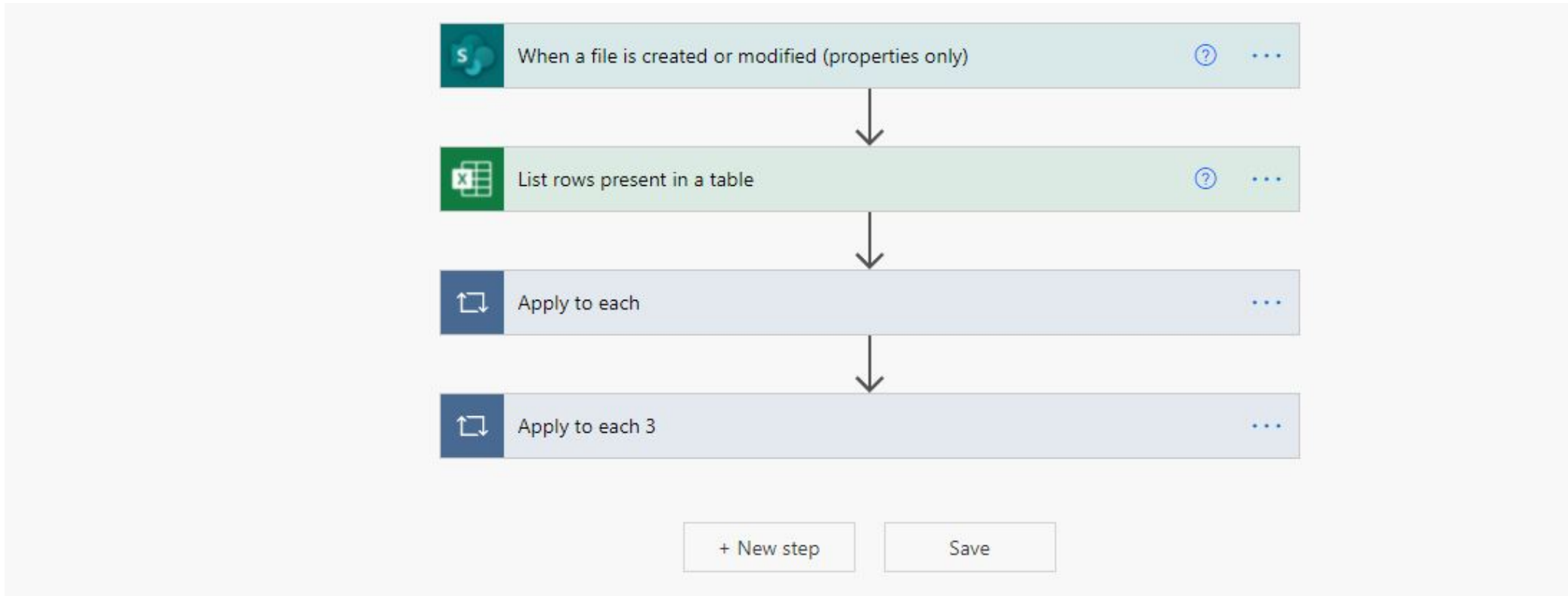
Microsoft SQL Server



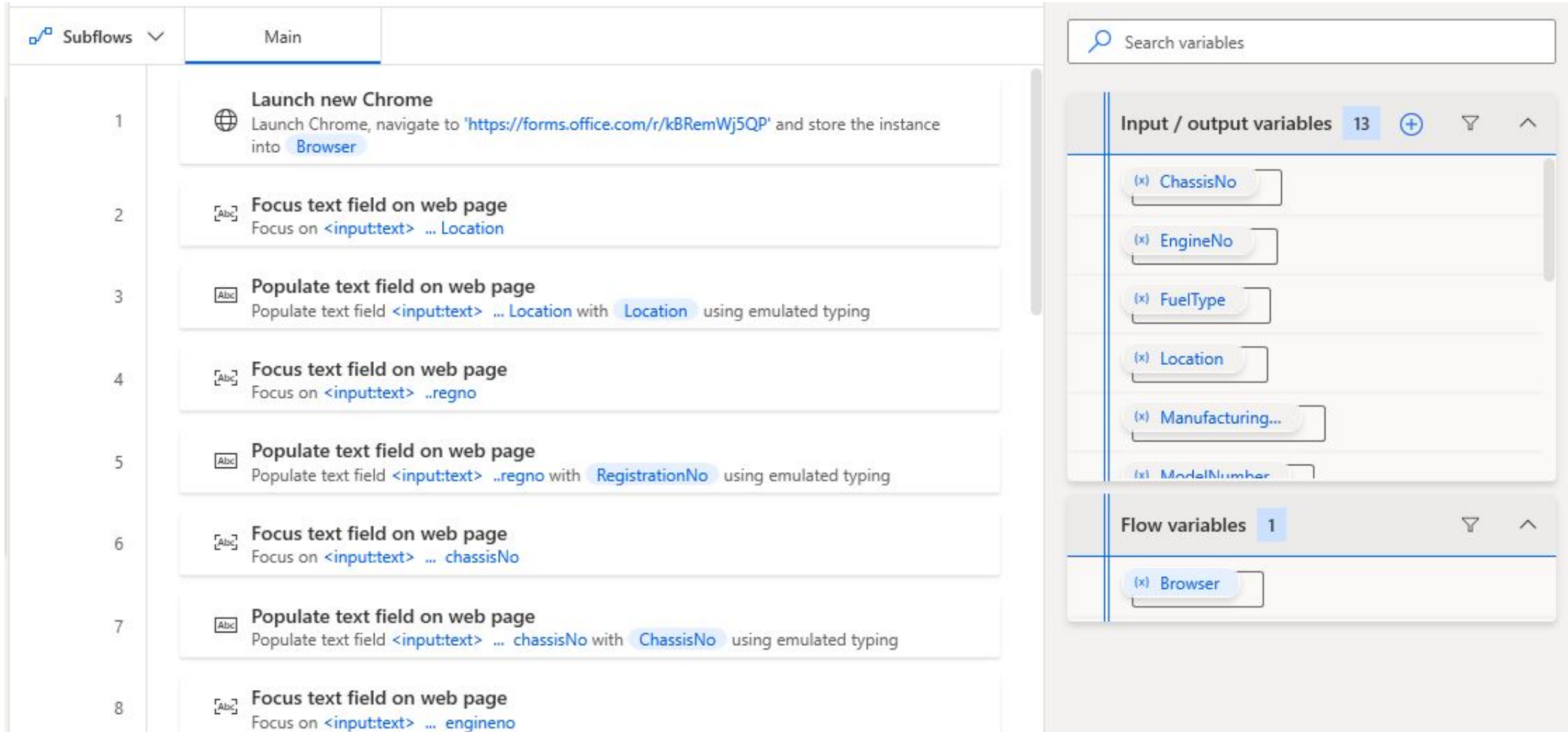
Vaahan Registration

The Demo Begins now..

Power Automate Cloud



Power Automate Desktop



The screenshot displays the Power Automate Desktop interface. On the left, a flow is shown with 8 steps:

- Launch new Chrome**: Launch Chrome, navigate to 'https://forms.office.com/r/kBRemWj5QP' and store the instance into **Browser**.
- Focus text field on web page**: Focus on `<input:text>` ... **Location**.
- Populate text field on web page**: Populate text field `<input:text>` ... **Location** with **Location** using emulated typing.
- Focus text field on web page**: Focus on `<input:text>` ..**regno**.
- Populate text field on web page**: Populate text field `<input:text>` ..**regno** with **RegistrationNo** using emulated typing.
- Focus text field on web page**: Focus on `<input:text>` ... **chassisNo**.
- Populate text field on web page**: Populate text field `<input:text>` ... **chassisNo** with **ChassisNo** using emulated typing.
- Focus text field on web page**: Focus on `<input:text>` ... **engineno**.

On the right, the **Variables** pane is open, showing:

- Input / output variables**: 13 variables listed: **ChassisNo**, **EngineNo**, **FuelType**, **Location**, **Manufacturing...**, and **ModelNumber**.
- Flow variables**: 1 variable listed: **Browser**.

Power Automate Desktop

- 10 [Alt] Focus text field on web page
Focus on <input:text> ... REGSdate
- 11 [Alt] Populate text field on web page
Populate text field <input:text> ... REGSdate with RegistrationDate using emulated typing
- 12 [Alt] Focus text field on web page
Focus on <input:text> ... MFGDate
- 13 [Alt] Populate text field on web page
Populate text field <input:text> ... MFGDate with ManufacturingDate using emulated typing
- 14 [Alt] Focus text field on web page
Focus on <input:text> ... Category
- 15 [Alt] Populate text field on web page
Populate text field <input:text> ... Category with VehicleCategory using emulated typing
- 16 [Alt] Focus text field on web page
Focus on <input:text> ... Brand
- 17 [Alt] Populate text field on web page
Populate text field <input:text> ... Brand with vehicleBrand using emulated typing
- 18 [Alt] Focus text field on web page
Focus on <input:text> ... vehicleclass










Input / output variables 13

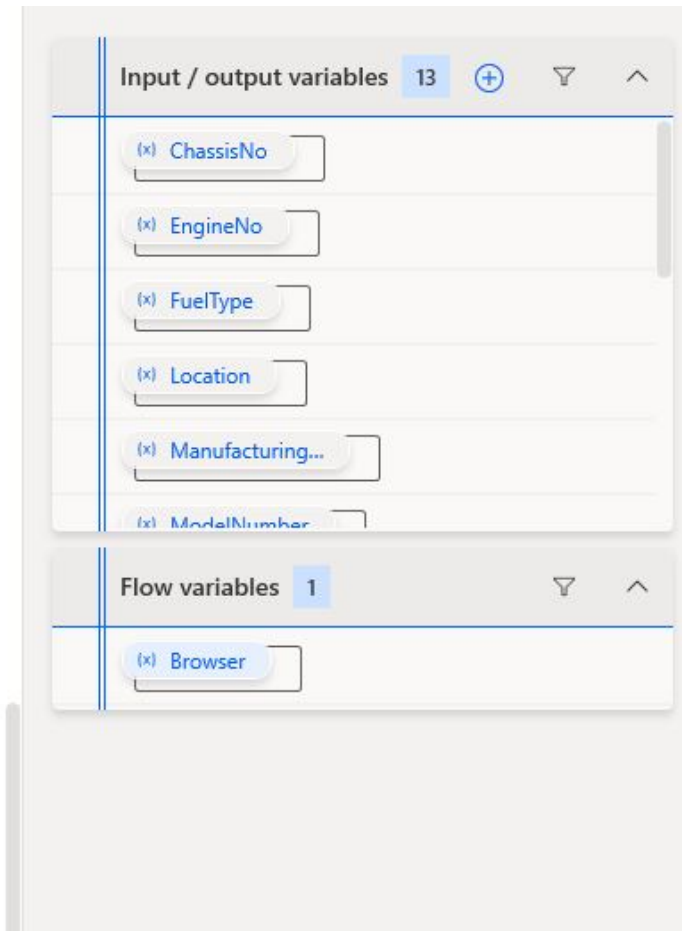
- (x) ChassisNo
- (x) EngineNo
- (x) FuelType
- (x) Location
- (x) Manufacturing...
- (x) ModelNumber

Flow variables 1

- (x) Browser

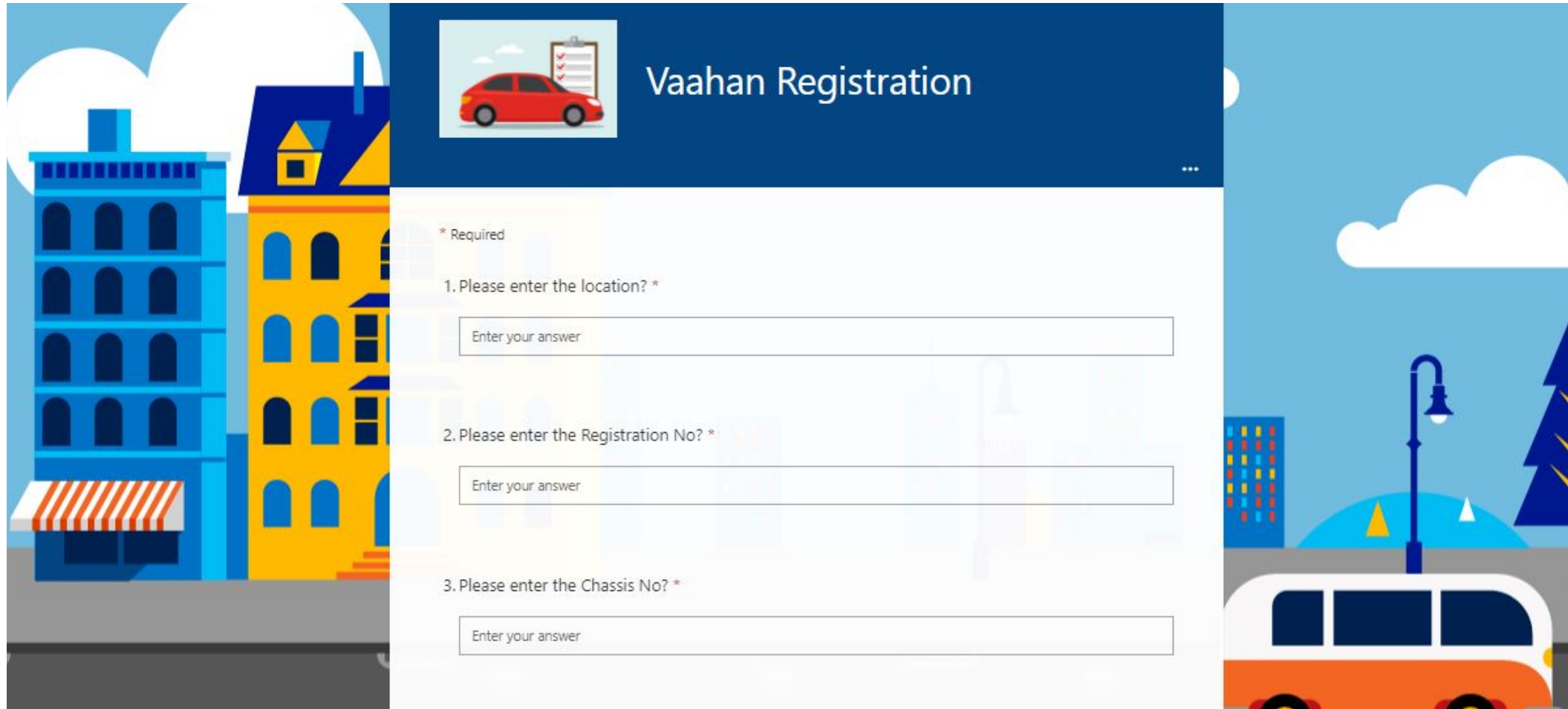
Power Automate Desktop

- 21  **Populate text field on web page**
Populate text field <input:text> ... Model with ModelNumber using emulated typing
- 22  **Focus text field on web page**
Focus on <input:text> ...Fuel
- 23  **Populate text field on web page**
Populate text field <input:text> ...Fuel with FuelType using emulated typing
- 24  **Focus text field on web page**
Focus on <input:text> ... Variant
- 25  **Populate text field on web page**
Populate text field <input:text> ... Variant with VehicleVariant using emulated typing
- 26  **Focus text field on web page**
Focus on <input:text> ... vehcilecolor
- 27  **Populate text field on web page**
Populate text field <input:text> ... vehcilecolor with VehicleColor using emulated typing
- 28  **Click link on web page**
Click on div of web page
- 29  **Close web browser**
Close web browser Browser



The screenshot shows the 'Input / output variables' and 'Flow variables' panels in Power Automate Desktop. The 'Input / output variables' panel contains 13 variables: ChassisNo, EngineNo, FuelType, Location, Manufacturing..., and ModelNumber. The 'Flow variables' panel contains 1 variable: Browser.

Microsoft Form



The screenshot shows a Microsoft Form titled "Vaahan Registration" with a blue header bar. The form contains three required text input fields. The background features a colorful illustration of buildings, a car, and a bus.

Vaahan Registration

* Required

1. Please enter the location? *

2. Please enter the Registration No? *

3. Please enter the Chassis No? *

Microsoft Form



4. Please enter the Engine No? *

5. Please enter the Registration Date ? *



6. Please enter the manufacturing Date? *

7. Please enter the category? *

8. Please enter the Vehicle Brand? *



Microsoft Form



10. Please enter the Model Number? *

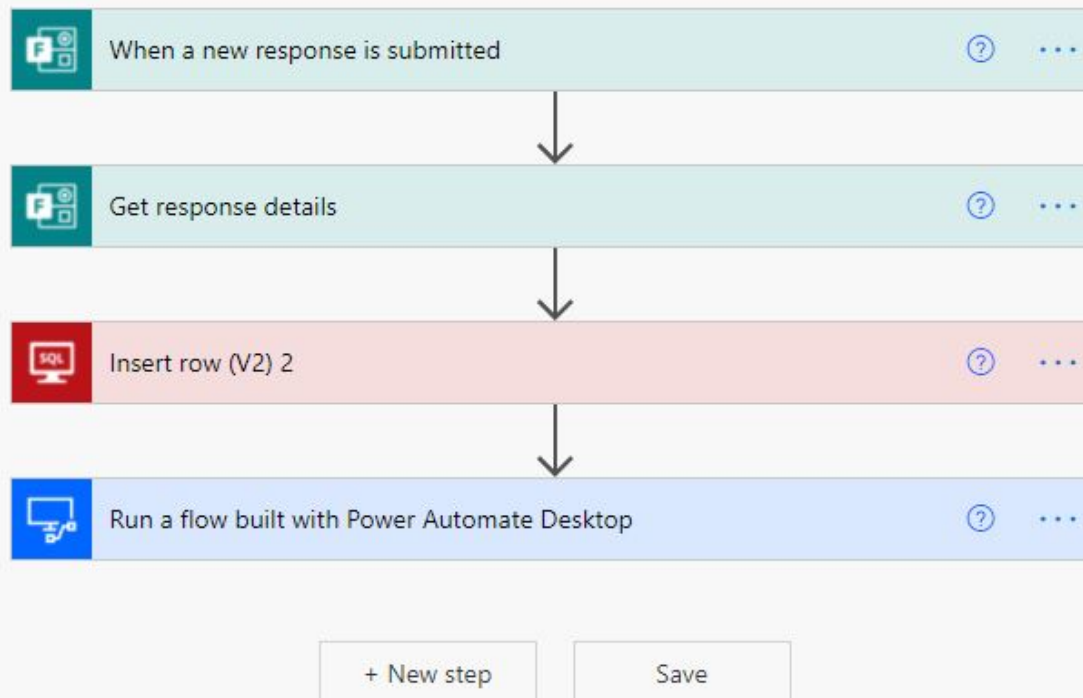
11. Please enter the Fuel Type? *

12. Please enter the Vehicle Variant? *

13. Please enter the Vehicle Color? *

Submit

Response Submission Part



SQL Server Database

SQLQuery1.sql - KIB...(ESPL\011515 (54))*

```
1 Select * from vahan;
```

100 %

Results Messages

	orderType	RegistrationNo	chassisNo	vehicleCategory	EngineNo	VehicleBrand	vehicleClass	Model	Fueltype	vehicleVariant	RegistrationDate	VehicleColor	ManufacturingDate	OwnerName	OwnerMobile
1	NB	1010A1001	1010201	Medium Vehicle	50001	Swift	Transport	MB-200	Petrol	Heavy Vehicle	2021-06-09	White	2021-06-09	Mahesh	9876054321
2	NB	1010A1002	1010202	Medium Vehicle	50002	Swift	Transport	MB-201	Petrol	Heavy Vehicle	2021-07-09	White	2021-07-09	Vijay	9876054322
3	NB	1010A1003	1010203	Medium Vehicle	50003	Swift	Transport	MB-202	Petrol	Heavy Vehicle	2021-08-09	White	2021-08-09	swathi	9876054323
4	NB	1010A1004	1010204	Medium Vehicle	50004	Swift	Transport	MB-203	Petrol	Heavy Vehicle	2021-09-09	White	2021-09-09	Kunal	9876054324
5	NB	1010A1005	1010205	Medium Vehicle	50005	BMW	Transport	MB-204	Petrol	Heavy Vehicle	2021-10-09	Red	2021-10-09	Shiavani	9876054325
6	NB	1010A1006	1010206	Medium Vehicle	50006	BMW	Transport	MB-205	Petrol	Heavy Vehicle	2021-11-09	Red	2021-11-09	Ahmed	9876054326
7	NB	1010A1007	1010207	Heavy vehicle	50007	BMW	Transport	MB-206	Petrol	Heavy Vehicle	2021-07-09	Red	2021-07-09	Joseph	9876054327
8	NB	1010A1008	1010208	Heavy vehicle	50008	BMW	Non-Transport	MB-207	Petrol	Low vehicle	2021-08-09	Red	2021-08-09	Mary	9876054328

PowerApps Application

Vaahan Registration

AUTOMATATHON-2021

SP Admin



Dashboard

Registration No	Vehicle Brand	Vehicle Color	Fuel Type	Engine No	Chassis No	Model	Manufactur
1010A1001	Swift	White	Petrol	50001	1010201	MB-200	09/06/202
1010A1002	Swift	White	Petrol	50002	1010202	MB-201	09/07/202
1010A1003	Swift	White	Petrol	50003	1010203	MB-202	09/08/202
1010A1004	Swift	White	Petrol	50004	1010204	MB-203	09/09/202
1010A1005	BMW	Red	Petrol	50005	1010205	MB-204	09/10/202
1010A1006	BMW	Red	Petrol	50006	1010206	MB-205	09/11/202
1010A1007	BMW	Red	Petrol	50007	1010207	MB-206	09/07/202
1010A1008	BMW	Red	Petrol	50008	1010208	MB-207	09/08/202
1010A1009	BMW	Black	Petrol	50009	1010209	MB-208	09/09/202
1010A1010	Audi	Black	Disel	50010	1010210	MB-209	09/10/202
1010A1011	Audi	Black	Disel	50011	1010211	MB-210	09/11/202
1010A1012	Audi	Black	Disel	50012	1010212	MB-211	09/06/202
1010A1013	Audi	Blue	Disel	50013	1010213	MB-212	09/07/202
1010A1014	Audi	Blue	Disel	50014	1010214	MB-213	09/08/202

PowerApps Application

Vaahan Registration

AUTOMATATHON-2021

SP Admin



← Vehicle Details

Registration No

1010A1001

Vehicle Brand

Swift

Vehicle Color

White

Fuel Type

Petrol

Engine No

50001

Chasis No

1010201

Model

MB-200

Manufacturing Date

09/06/2021

Registration Date

09/06/2021

Vehicle Category

Medium Vehicle

Vehicle Class

Transport

Variant

Heavy Vehicle

Status

Owner

Order Type

NB

The Summary

- ✓ **Eliminate Human efforts**
- ✓ **Reduction in errors and manual intervention**
- ✓ **Improved collaboration and productivity**
- ✓ **Time efficient solution**
- ✓ **Overall cost is very less**

Microsoft Power Platform with RPA BOM

TECHNOLOGY	DESCRIPTION	ESTIMATED PRICE
Power Automate desktop for Attend user	For Automation Process	\$40 Per user/Month
Microsoft SQL Server	To save the vehicle information	Free Per User
PowerApps & SharePoint	To view the information from SQL Server	\$40 Per user/Month



Thanks!

For Your Valuable Time