

Enterprise for Car Sales

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Project Description

- ▶ The project is about keeping a record of particulars of every customer that has purchased a car segment from one of our client .
- ▶ Our Client has been dealing with large amount of customers which became a tedious task for him/her to gather all the information .



About client

- ▶ Asia's leading Customized Car Seller is one of the client for Genpact, offering different segments of car, that meet requirements for wide range of customers.



Problem Statement

- ▶ In the modern age of automation and digitalization, the client wants to create a web application with capability to view and edit the Sales of the Enterprise.
- ▶ In order to solve the problem and get an edge over its competitors, the client wants a Multi-Page User Interface to keep track of Sales.



Project Scope

- ▶ Search option to look for Sales Details with Sales ID or Customer id
- ▶ Option to Add/Edit Sales details
- ▶ Data Validation
 - ▶ Date of Purchase should not change
 - ▶ Selling price should be less than 1 million



Technology and Framework

- ▶ Django (Framework)
- ▶ Python (Backend Scripting)
- ▶ Html5 (Template Designing)
- ▶ CSS3 (Presentation to the template)
- ▶ JQuery (Pagination)



Pages

- ▶ Homepage
- ▶ Upload the Dataset
- ▶ Add the Details
- ▶ Edit the Details
- ▶ Details(View the data in)
- ▶ Search

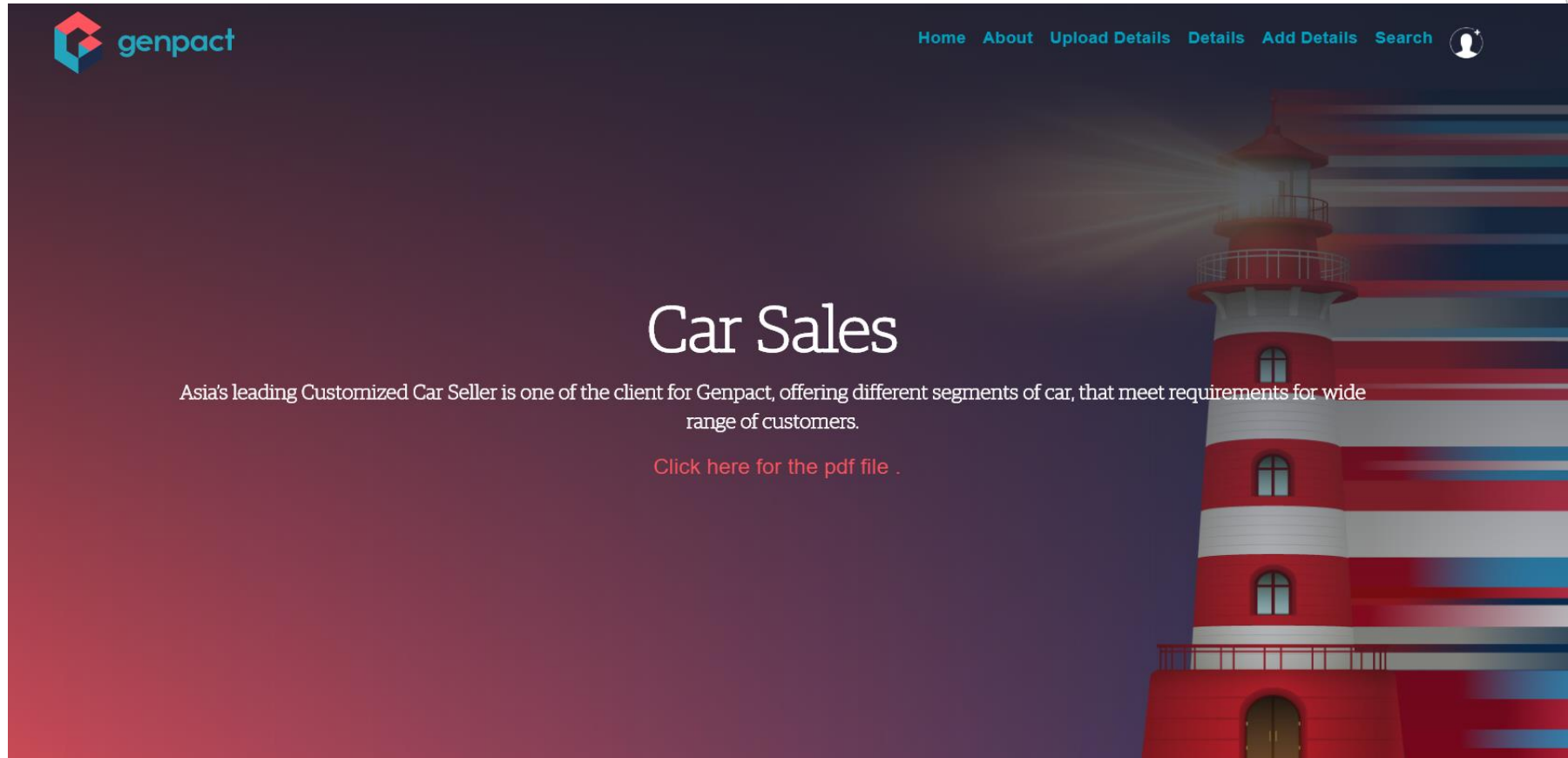


Home Page

- ▶ Header : Logo of the organization along with the links navigating through different pages .
- ▶ Description of the website
- ▶ Link redirecting to download of the page



Home Page

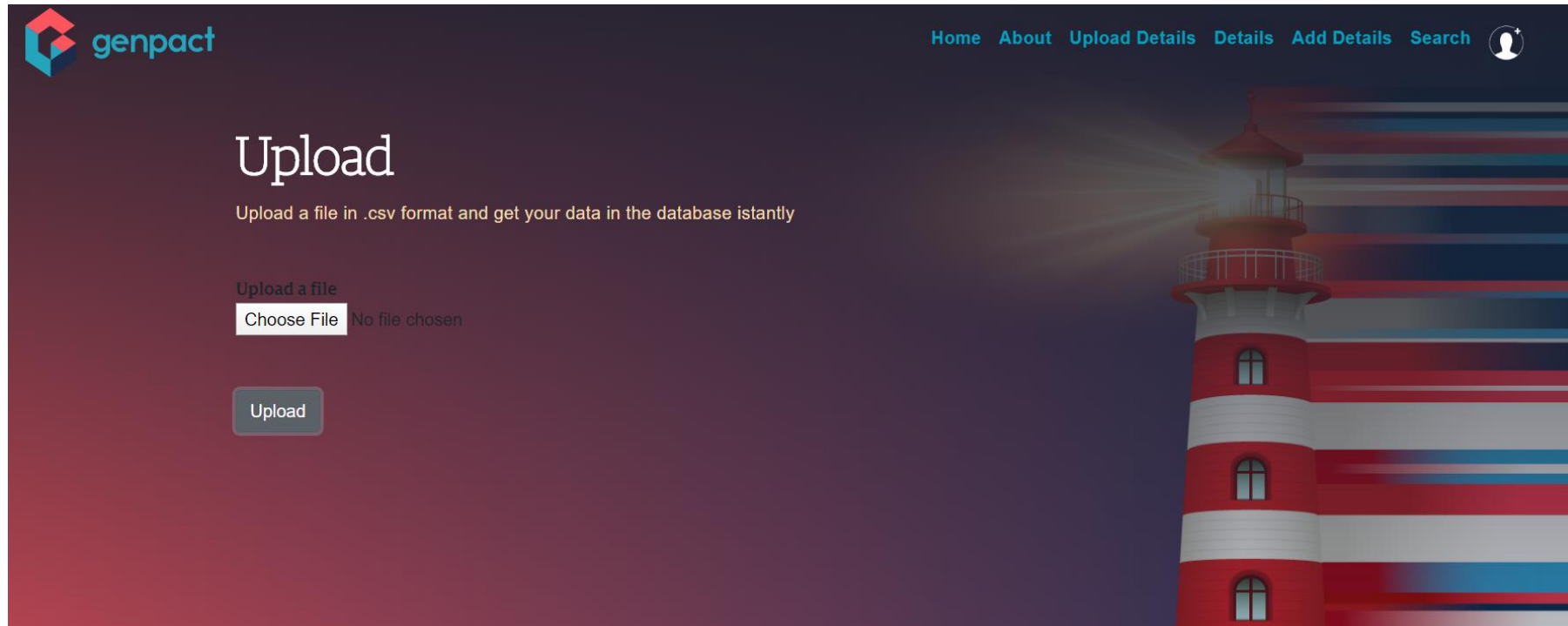


Upload

- ▶ The client is given a permission to upload the specified CSV file and save the data in their database .
- ▶ This functionality reduces the time consumption of the client of manually entering a large amount of details .



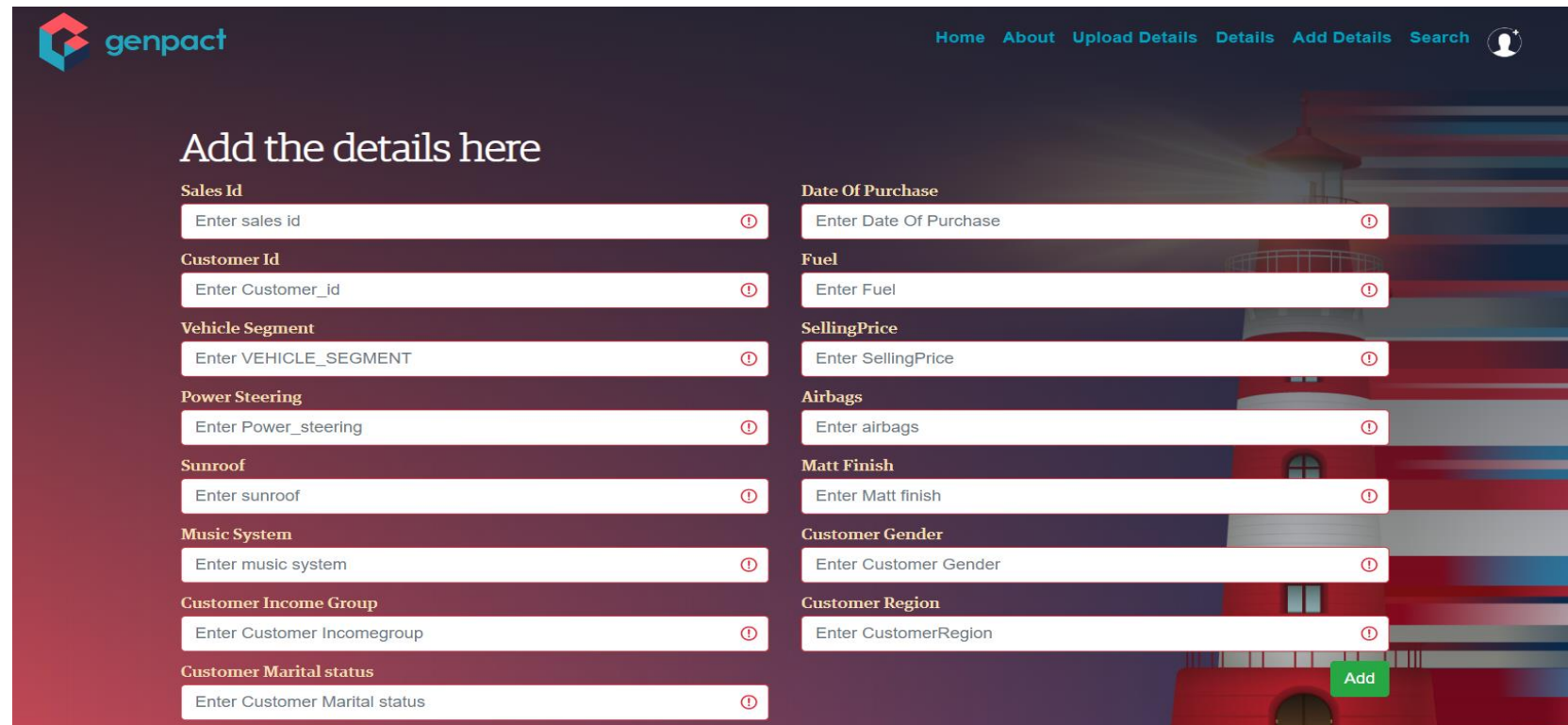
Upload



Add the Details (for single or less number of entries)

- ▶ This functionality is for the user , if he/she wants to add the data manually or if there is less number data present
- ▶ There is a validation given that all the fields have to filled by some value , or else it will not be submitted to the database

Add the Details (for single entries)



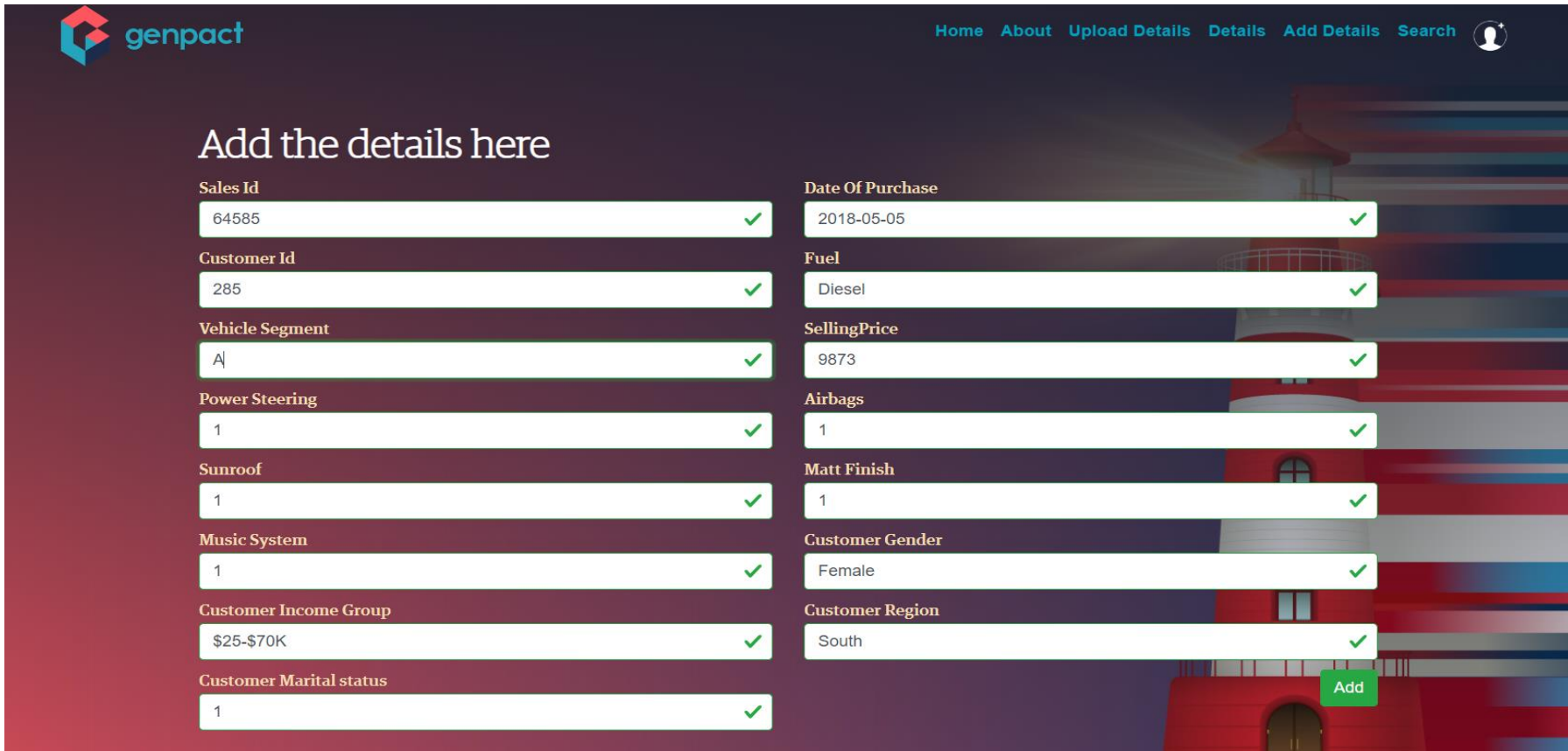
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Home About Upload Details Details Add Details Search

Add the details here

Sales Id Enter sales id	Date Of Purchase Enter Date Of Purchase
Customer Id Enter Customer_id	Fuel Enter Fuel
Vehicle Segment Enter VEHICLE_SEGMENT	SellingPrice Enter SellingPrice
Power Steering Enter Power_steering	Airbags Enter airbags
Sunroof Enter sunroof	Matt Finish Enter Matt finish
Music System Enter music system	Customer Gender Enter Customer Gender
Customer Income Group Enter Customer Incomegroup	Customer Region Enter CustomerRegion
Customer Marital status Enter Customer Marital status	Add

Add the Details (entries filled manually)



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Home About Upload Details Details Add Details Search

Add the details here

Sales Id	64585 ✓	Date Of Purchase	2018-05-05 ✓
Customer Id	285 ✓	Fuel	Diesel ✓
Vehicle Segment	A ✓	SellingPrice	9873 ✓
Power Steering	1 ✓	Airbags	1 ✓
Sunroof	1 ✓	Matt Finish	1 ✓
Music System	1 ✓	Customer Gender	Female ✓
Customer Income Group	\$25-\$70K ✓	Customer Region	South ✓
Customer Marital status	1 ✓		

Add

Added in the Database

Django administration WELCOME, **ADMIN**. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

[Home](#) » [Sales](#) » [Cars](#)

Select cars to change ADD CARS +

Action: 0 of 100 selected

<input type="checkbox"/>	CARS
<input type="checkbox"/>	856473
<input type="checkbox"/>	98767
<input type="checkbox"/>	98765
<input type="checkbox"/>	67439
<input type="checkbox"/>	65473
<input type="checkbox"/>	64585





Edit

- ▶ You can view all the particulars of the customers present in the record database
- ▶ There is a pagination provide along with the table to show the in the numbers of rows selected by the client
- ▶ Making easier for the client to not scroll the page quite often



Edit (validation of non-edit fields)

Home About Upload Details All/Edit Details Add Details Search

All Details/Edit Details

You can edit the details by double clicking on the feild. (Sales and Date of Purchase being non editable)

Select Number Of Rows

5

ID	Sales Id	Date of Purchase	Customer	Fuel	Vehicle Segment	Selling Price	Power steering	Airbags	Sunroof	Matt finish	Music System	Customer Incomegroup	Customer Region	Marital Status
1	420 <small>Non-Editable</small>	Jan. 24, 2018 <small>Non-Editable</small>	418 <small>Edit</small>	CNG <small>Edit</small>	A <small>Edit</small>	584 <small>Edit</small>	1 <small>Edit</small>	1 <small>Edit</small>	1 <small>Edit</small>	1 <small>Edit</small>	0 <small>Edit</small>	\$25-\$70K <small>Edit</small>	North <small>Edit</small>	1 <small>Edit</small>
2	840 <small>Non-Editable</small>	Jan. 4, 2018 <small>Non-Editable</small>	420 <small>Edit</small>	CNG <small>Edit</small>	A <small>Edit</small>	2089 <small>Edit</small>	0 <small>Edit</small>	1 <small>Edit</small>	0 <small>Edit</small>	1 <small>Edit</small>	0 <small>Edit</small>	\$25-\$70K <small>Edit</small>	North <small>Edit</small>	1 <small>Edit</small>
3	12345 <small>Non-Editable</small>	Jan. 16, 2018 <small>Non-Editable</small>	400 <small>Edit</small>	CNG <small>Edit</small>	A <small>Edit</small>	958 <small>Edit</small>	0 <small>Edit</small>	0 <small>Edit</small>	0 <small>Edit</small>	1 <small>Edit</small>	1 <small>Edit</small>	0-\$25K <small>Edit</small>	North <small>Edit</small>	0 <small>Edit</small>
4	12346 <small>Non-Editable</small>	Jan. 4, 2018 <small>Non-Editable</small>	601 <small>Edit</small>	Diesel <small>Edit</small>	A <small>Edit</small>	1272 <small>Edit</small>	1 <small>Edit</small>	0 <small>Edit</small>	0 <small>Edit</small>	0 <small>Edit</small>	1 <small>Edit</small>	\$25-\$70K <small>Edit</small>	South <small>Edit</small>	0 <small>Edit</small>

Edit (validation of SellingPrice)

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HomeAboutUpload DetailsAll/Edit DetailsAdd DetailsSearch

All Details/Edit Details

can edit the details by double clicking on the feild. (Sales and Date of Purchase being non editable)

Number Of Rows

Sales Id	Date of Purchase	Customer	Fuel	Vehicle Segment	Selling Price	Power steering	Airbags	Sunroof	Matt finish	Music System	Customer Incomegroup	Customer Region	Ma Sta
420 <small>Non Editable</small>	Jan. 24, 2018 <small>Non Editable</small>	418 <small>Edit</small>	CNG <small>Edit</small>	A <small>Edit</small>	<input type="text" value="=<1 Million"/>	1 <small>Edit</small>	1 <small>Edit</small>	1 <small>Edit</small>	1 <small>Edit</small>	0 <small>Edit</small>	\$25-\$70K <small>Edit</small>	North <small>Edit</small>	1 <small>Edit</small>
840 <small>Non Editable</small>	Jan. 4, 2018 <small>Non Editable</small>	420 <small>Edit</small>	CNG <small>Edit</small>	A <small>Edit</small>	2089 <small>Edit</small>	0 <small>Edit</small>	1 <small>Edit</small>	0 <small>Edit</small>	1 <small>Edit</small>	0 <small>Edit</small>	\$25-\$70K <small>Edit</small>	North <small>Edit</small>	1 <small>Edit</small>
12345 <small>Non Editable</small>	Jan. 16, 2018 <small>Non Editable</small>	400 <small>Edit</small>	CNG <small>Edit</small>	A <small>Edit</small>	958 <small>Edit</small>	0 <small>Edit</small>	0 <small>Edit</small>	0 <small>Edit</small>	1 <small>Edit</small>	1 <small>Edit</small>	0-\$25K <small>Edit</small>	North <small>Edit</small>	0 <small>Edit</small>
12346 <small>Non Editable</small>	Jan. 4, 2018 <small>Non Editable</small>	601 <small>Edit</small>	Diesel <small>Edit</small>	A <small>Edit</small>	1272 <small>Edit</small>	1 <small>Edit</small>	0 <small>Edit</small>	0 <small>Edit</small>	0 <small>Edit</small>	1 <small>Edit</small>	\$25-\$70K <small>Edit</small>	South <small>Edit</small>	0 <small>Edit</small>

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Edit (updated value)



Home

About

Upload Details

Details

Add Details

Search



Details

Listed data of all the customers of the organization

Select Number Of Rows

5

ID	Sales Id	Date of Purchase	Customer	Fuel	Vehicle Segment	Selling Price	Power steering	Airbags	Sunroof	Matt finish	Music System	Customer Incomegroup	Customer Region	Marital Status
1	420	Jan. 24, 2018	418	CNG	A	23456	1	1	1	1	0	\$25-\$70K	North	1
2	840	Jan. 4, 2018	420	CNG	A	2089	0	1	0	1	0	\$25-\$70K	North	1
3	12345	Jan. 16, 2018	400	CNG	A	958	0	0	0	1	1	0-\$25K	North	0
4	12346	Jan. 4, 2018	601	Diesel	A	1272	1	0	0	0	1	\$25-\$70K	South	0
5	12347	Jan. 7, 2018	402	CNG	A	2150	0	1	1	1	0	>\$70K	East	1

<

1

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>

Edit (updated value in Admin)

Django administration

Home > Sales > Carss > 420

Change cars


Sales id:	<input type="text" value="420"/>
Pub date:	<input type="text" value="2018-01-24"/> Today  <small>Note: You are 5.5 hours ahead of server time.</small>
Customer id:	<input type="text" value="23456"/>
Fuel:	<input type="text" value="CNG"/>
VEHICLE SEGMENT:	<input type="text" value="A"/>
SellingPrice:	<input type="text" value="584"/>
Power steering:	<input type="text" value="1"/>


Details

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Details



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Details

Listed data of all the customers of the organization

Select Number Of Rows

5

ID	Sales Id	Date of Purchase	Customer	Fuel	Vehicle Segment	Selling Price	Power steering	Airbags	Sunroof	Matt finish	Music System	Customer Incomegroup	Customer Region	Marital Status	Edit
1	420	Jan. 24, 2018	418	CNG	A	584	1	1	1	1	0	\$25-\$70K	North	1	Edit
2	840	Jan. 4, 2018	420	CNG	A	2089	0	1	0	1	0	\$25-\$70K	North	1	Edit
3	12345	Jan. 16, 2018	400	CNG	A	958	0	0	0	1	1	0-\$25K	North	0	Edit
4	12346	Jan. 4, 2018	601	Diesel	A	1272	1	0	0	0	1	\$25-\$70K	South	0	Edit
5	12347	Jan. 7, 2018	402	CNG	A	2150	0	1	1	1	0	>\$70K	East	1	Edit

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1

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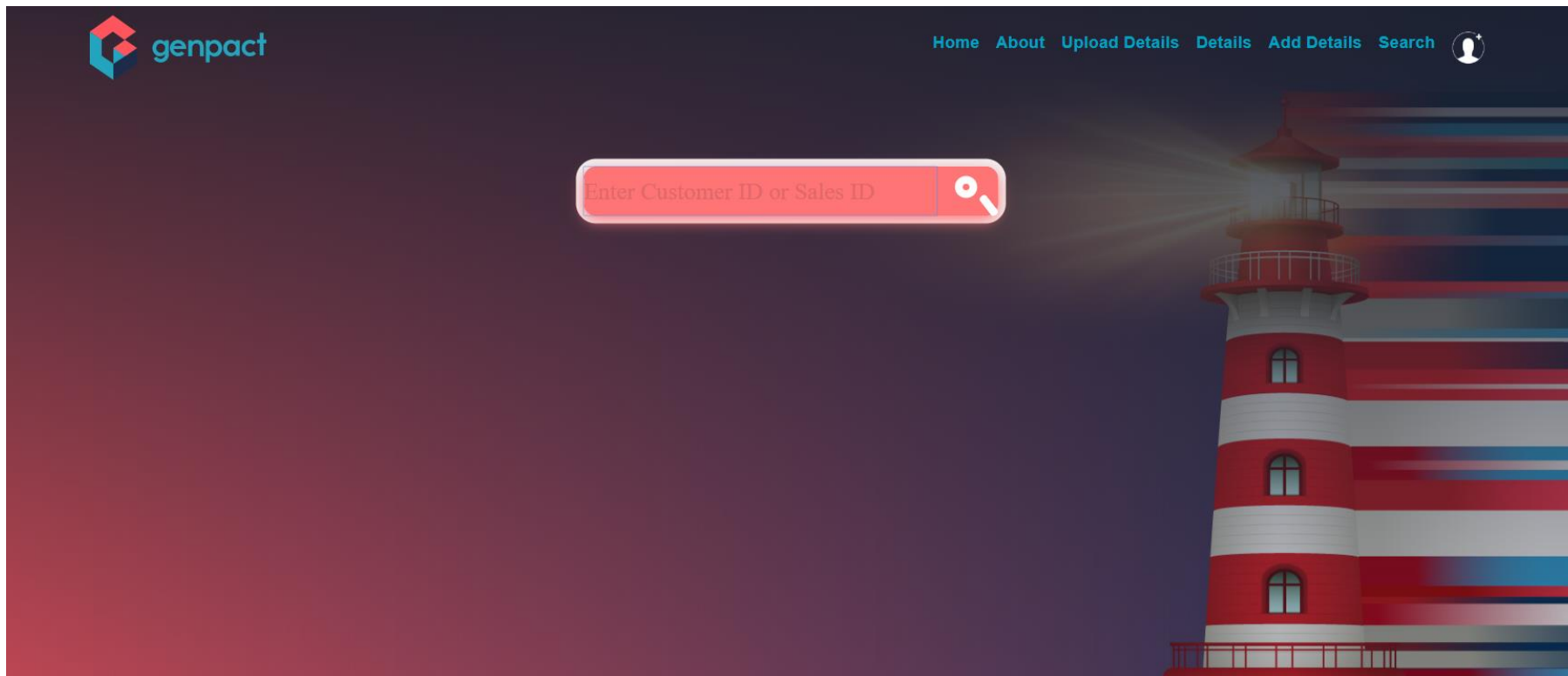
>

Search

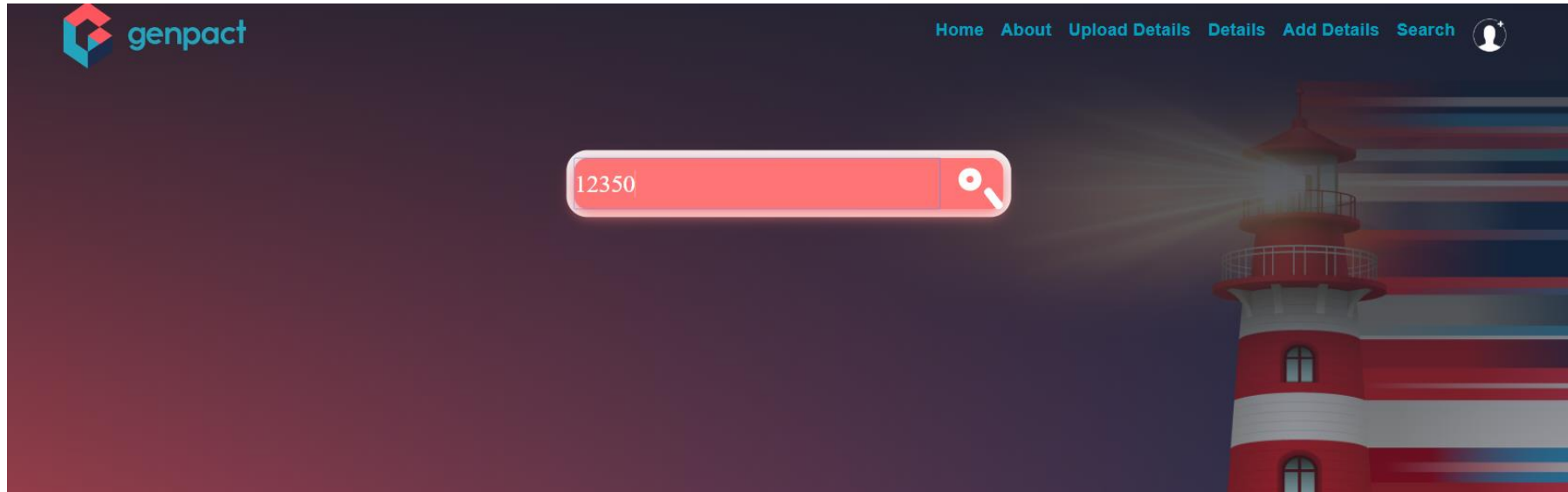
- ▶ Search is fetching out the data from the database and representing it in the view
- ▶ Search is performed on two parameters
 - ▶ Sales_id
 - ▶ Customer_id
- ▶ Provided with pagination for exceeding number of search results



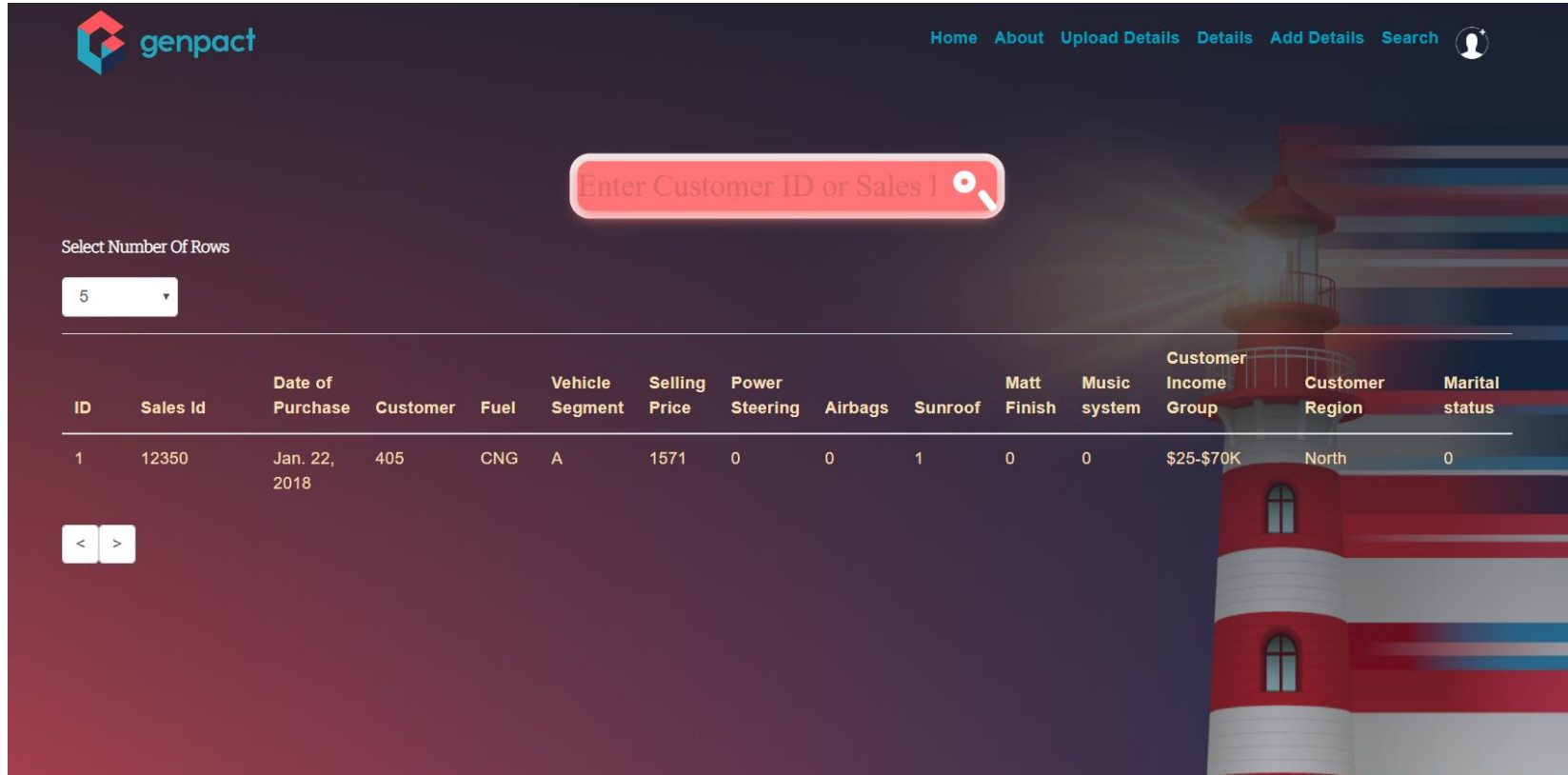
Search



Search(value entered to perform search



Search Result



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Home About Upload Details Details Add Details Search

Enter Customer ID or Sales ID

Select Number Of Rows

5

ID	Sales Id	Date of Purchase	Customer	Fuel	Vehicle Segment	Selling Price	Power Steering	Airbags	Sunroof	Matt Finish	Music system	Customer Income Group	Customer Region	Marital status
1	12350	Jan. 22, 2018	405	CNG	A	1571	0	0	1	0	0	\$25-\$70K	North	0

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Thank you

