

Stolen vehicles

Brief description:

You are given a .csv file that contains information about stolen cars. Your task is to design an application which would help police officers add and delete vehicles from the dataset. Additional task is to create include in the application a mechanism that helps filter out cars by several using several parameters.

Dataset:

Here is the link to the dataset:

<https://www.kaggle.com/datasets/kkhandekar/stolen-vehicle-dataset>

Main features of the application:

1. Adding and deleting cars
2. Saving the list as a file, loading from a file
3. A UI element showing the number of the cars currently stolen

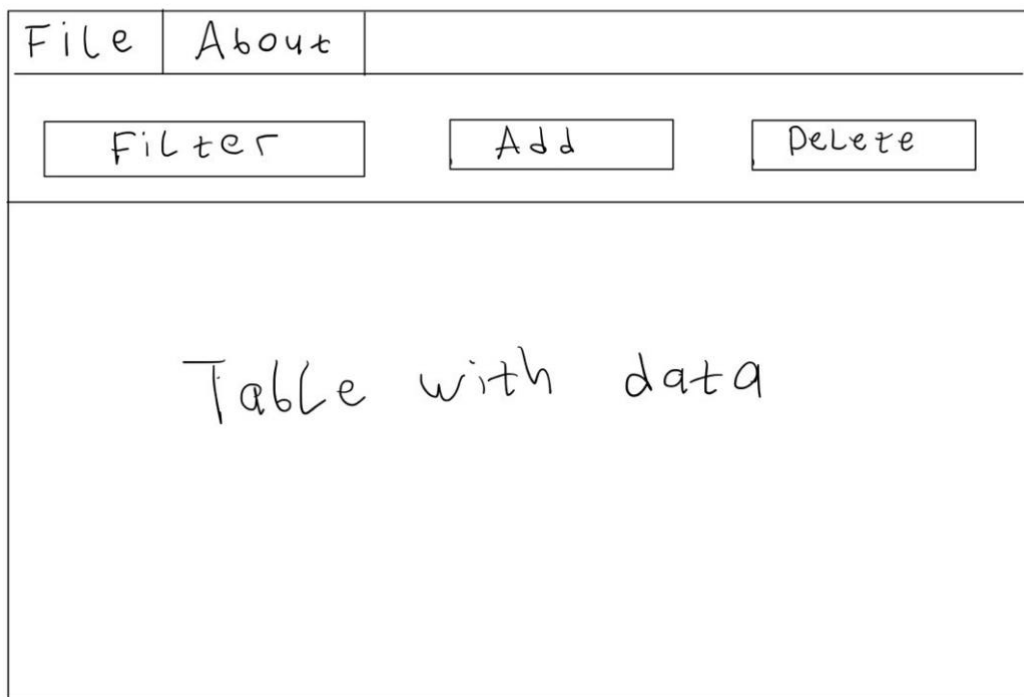
Additional features:

1. A filter mechanism that shows all stolen cars that fit given criteria

Filters to create:

- Color
- Vehicle model
- VehicleDesc
- ModelYear
- VehicleType
- DateStolen
- Location

User interface



Requirements for the file menu:

- Load data should show a file selection dialogue and load selected csv file
- Save data should show a dialogue option to save csv file

Filter menu

Filter	
Color	<input type="text"/>
Vehicle model	<input type="text"/>
Vehicle description	<input type="text"/>
Model year	<input type="text"/>
Vehicle type	<input type="text"/>
Date stolen	<input type="text"/>
Location	<input type="text"/>
<input type="button" value="Search"/>	

In filter menu user should be able to search for a car by providing a detailed description and getting all potential cars that satisfy his search criteria in a table with data (see picture 1)

Add and delete buttons should show the same menu but instead of the search button they must have add and delete buttons respectfully

Good luck!