

Unknown Traveler: Creating and Editing a Database

Airbnb Property Data from Texas (0+)

14.05.2021

Contents

1. Warning	1
2. Preface	1
3. Possible features and core principles	1
4. Detailed explanation GUI/Control Flow	2
5. Datasets and things to be inspired by	3

1. Warning

For the implementation of the project, please read all materials carefully till the end not to miss the meaning of the purpose of the product. Thank You!

2. Preface

The following project specification touches upon a GUI application for looking for real estate to rent in Texas. The application allows you to choose not only the optimal parameters for your family (number of beds, price, city), but also find out the exact coordinates for the navigator. The application allows you to add new information about real estate objects, to edit and to delete it.

3. Possible features and core principles

NB1: Do not enter incomplete information about the property in the database. Only complete and up-to-date data allows using the information to obtain the result of the rental of real estate.

NB2: Further mentioned lists of cocktails, ingredients, etc. All data provided about the property shall be stored in text files (.csv format).

NB3: You do not need to add additional data (additional characteristics of real estate objects). Implement only what is described here.

Attributes Airbnb Property Data from Texas:

- average rate per night (in dollars)
- bedrooms count
- city
- date of listing (month and year)
- description
- latitude
- longitude
- title
- url (link to the rental on airbnb)

Basic Features:

- Add a new real estate object
- Edit an already existing object
- View information about the property
- Saving entered data
- Delete a real estate object

Sort (Optional):

- by average price per night (in the increasing order)
- by bedrooms count (in the increasing order)
- by city name(alphabetical order)

4. Detailed explanation GUI/Control Flow

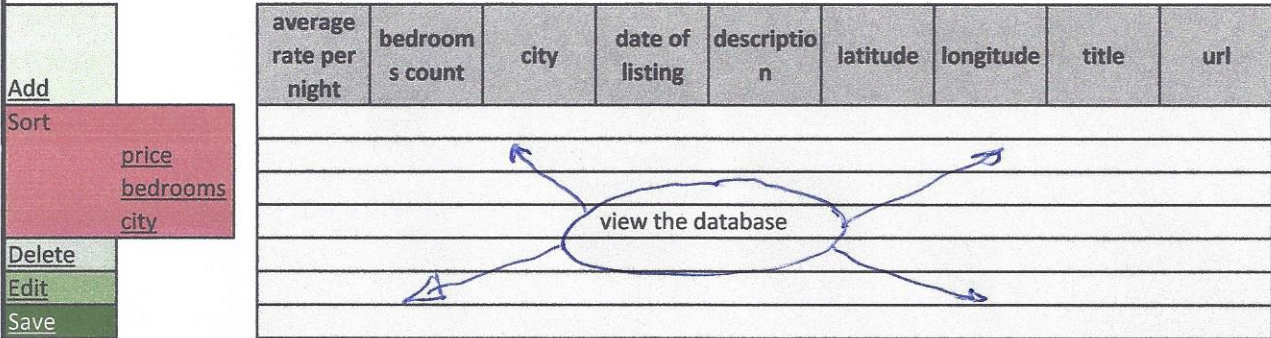
Here is the main menu and submenu of the program for working with the database. Actions are highlighted in green. An optional function is highlighted in red.

Windows on pictures represent only different states of the program, you mostly do not have to make "sub-windows".

Airbnb Property Data from Texas

X

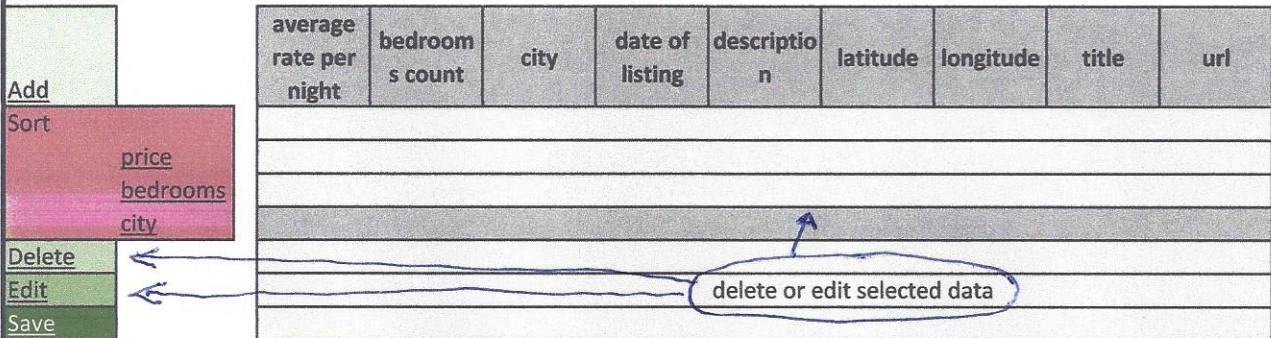
main menu



Airbnb Property Data from Texas

X

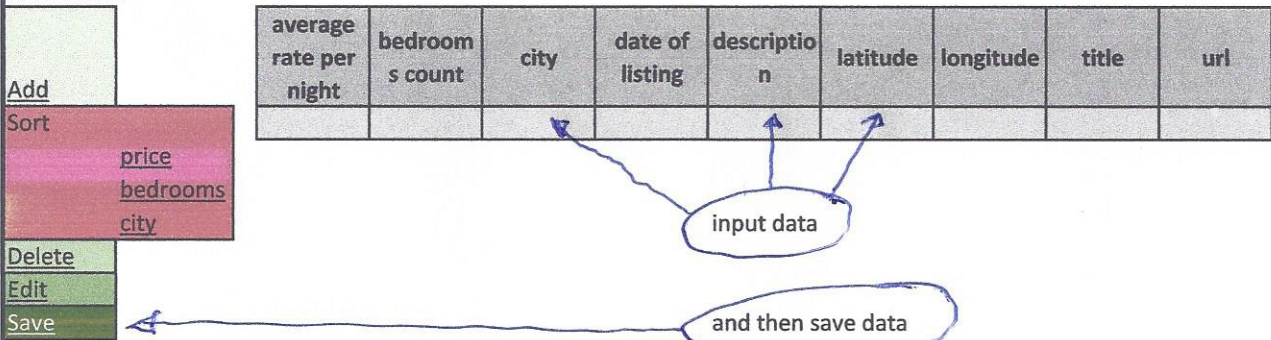
main menu



Airbnb Property Data from Texas

X

main menu



5. Datasets and things to be inspired by

Airbnb Property Dataset on Kaggle:

<https://www.kaggle.com/PromptCloudHQ/airbnb-property-data-from-texas>