RIDOBIKO

Pricing Tool

Documentation

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Index

About

This tool is used to calculate the price of vehicle. User have to add information about vehicle like Vehicle Brand, Vehicle name, Vahicle variant, Vehicle type (Scooty, Cruise, etc.) , Model Year (It shows last 12 years in dropdown), Vehicle Number, Demand Type(Demading , less demanding, Non demanding), Owner Serial, Kilometer Run. After adding this information and on click calculate button it will show the price of vehicle and store the vehicle with its specification in database

Tech Stack

1. HTML
2. CSS (Inline)
3. Bootstrap
4. JavaScript
5. PHP
6. MySQL
7. jQuery
8. Ajax

Database

1) pricingtool –
    a. bikes_database
    b. demand_type
    c. depreciation
    d. exshowroom_price
    e. ideal_km
    f. owner_serial

Files

1. Folder (image)
    a. Icon.png
2. dbcon.php – PHP code for database connection
3. index.php – All working of dashboard
4. dropdown.php – PHP code for JSON and insertion data
5. link.php – All links of bootstrap

Working

Dashboard (All Fields) –

a. Select Brand
   - Table – exshowroom_price
   - Onchange – brand_name()
     (This function filters 'Select Vehicle' field options and change html of 'Select Vehicle')

b. Select Vehicle
   - Table – exshowroom_price
   - Onchange – vehicle_name()
     (This function filters 'Select Variant' field options and change html of 'Select Variant')

c. Select Variant
   - Table – exshowroom_price

d. Vehicle Type
   - Table – exshowroom_price

e. Model Year
   - Last 12 years as value
   - For loop in JavaScript

f. Vehicle Number
   - Vahicle number in Uppercase
   - Input type – input field

g. Demand Type
   - Table – demand_type

h. Owner Serial

- Table – owner_serial

i. KM Run
   - Input type – input field
   - Number Type Only

j. Approx. Maintenance Cost
   - Input type – input field
   - Number Type Only

Calculate (Button)-

a. All field data is sent through AJAX to 'dropdown.php' file

b. Calculation in dropdown.php file
   1. Exshowroom price calculation (Main variable) -
      - Table – exshowroom_price
      - Get by SQL query

   2. Current year -
      - Using PHP function
      - To find Depreciation Factor

   3. Model Year -
      - From input field
      - Convert into integer
      - To find Depreciation Factor

   4. Year difference -
      - Current year – model year
      - To find Depreciation Factor
   5. Depreciation Factor (Main variable) -
      - Table – depreciation

6. KM Run -
    - From input field
    - Convert into integer
    - To find KmDecline
    -
7. Ideal km -
    - Table -ideal_km
    - To find KmDecline

8. KmDecline (Main variable) -
    - If Km_run > ideal_km
        - KmDecline = [(Km_run – ideal_km)* reduction] /1000
    - Else KmDecline = 0
9. Reduction amount (owner_serial) (Main variable) -
    - Table – owner_serial

10. Reduction amount (demand type) (Main variable) -
    - Table – demand_type

11. Maintenance Cost (Main variable) -
    - From input field
    - Integer format

Final calculation formula Using main variable

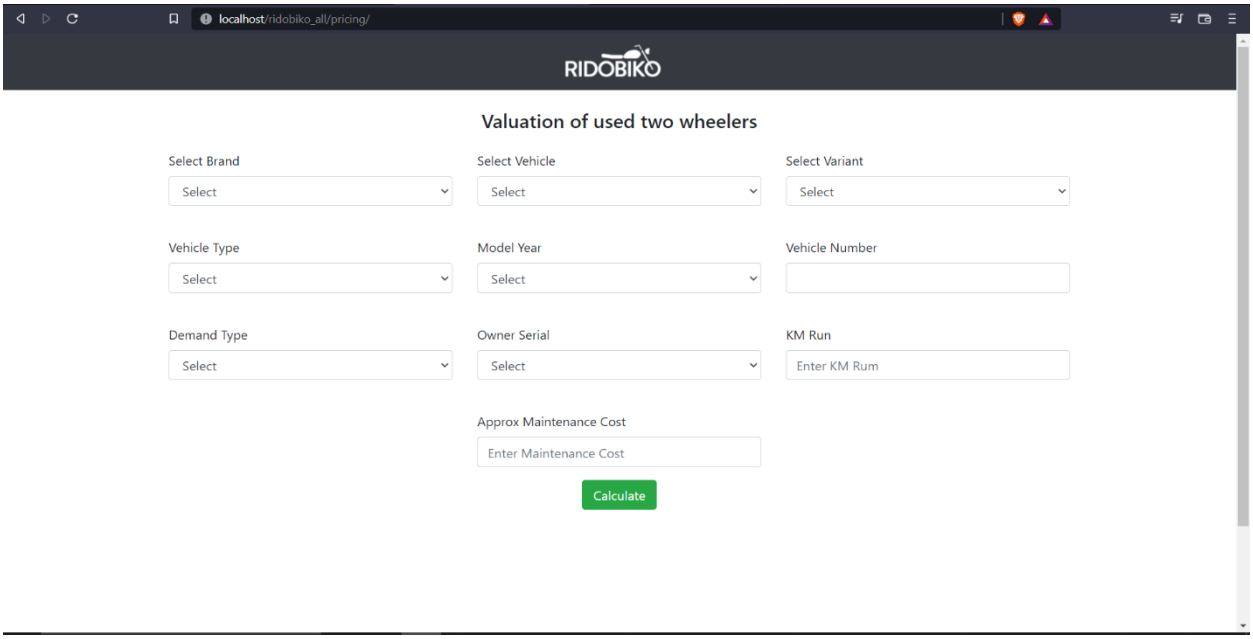
Temp = (1- Depreciation Factor/100) * Exshowroom_price

Total _amount = Temp – KmDecline –Maintenance_cost – Reduction amount (owner_serial) – Reduction amount (demand type)

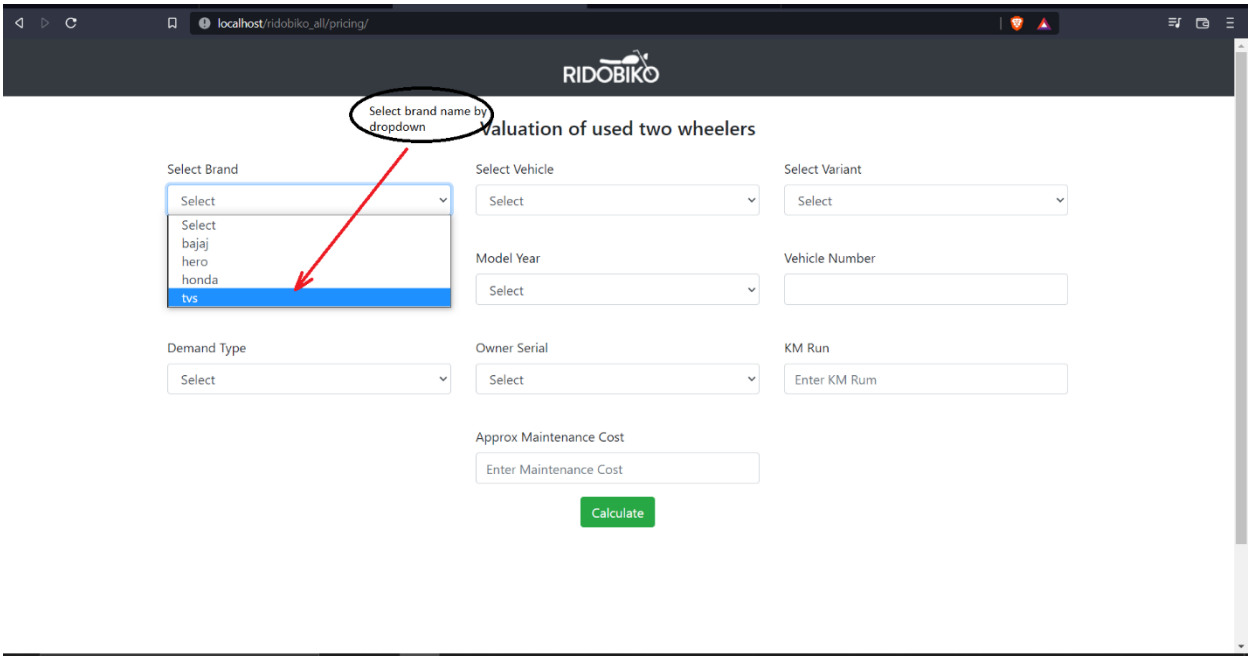
12. Total_amount pass to the index page and show
13. Data insertion
    - Table – bikes_database

Screenshots Of Pricing Tool

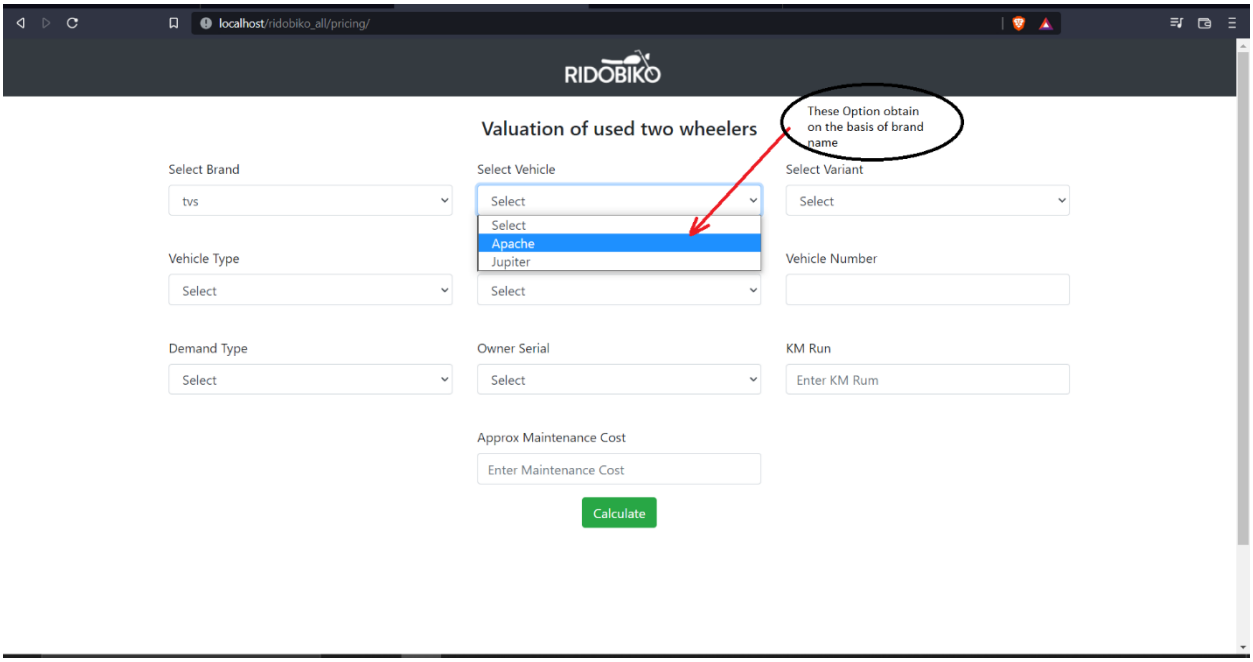
Dashboard page-



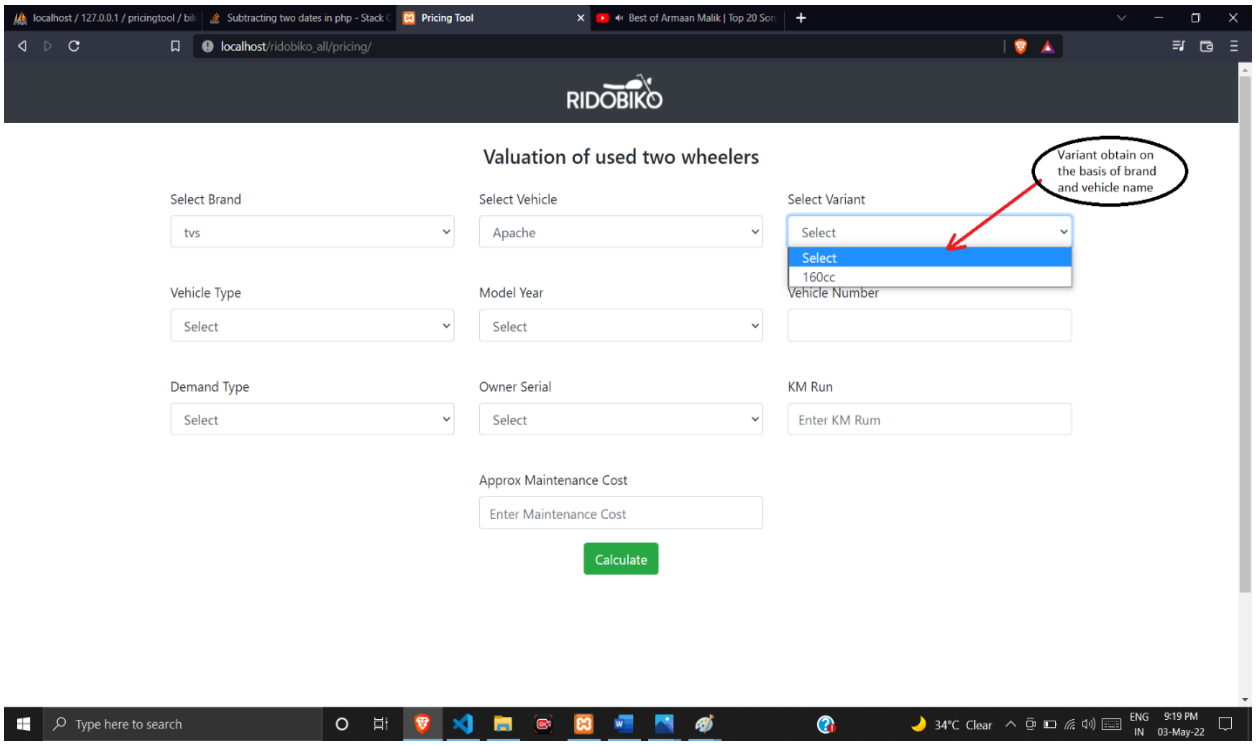
Select Brand name-



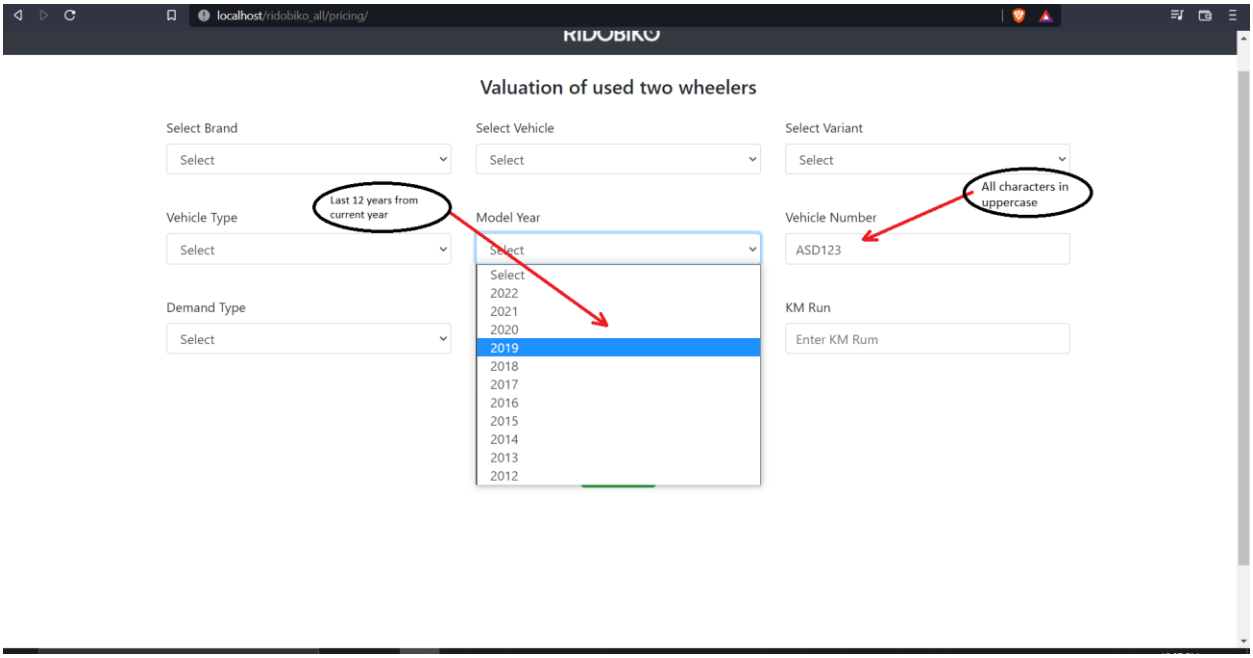
Select Vehicle name



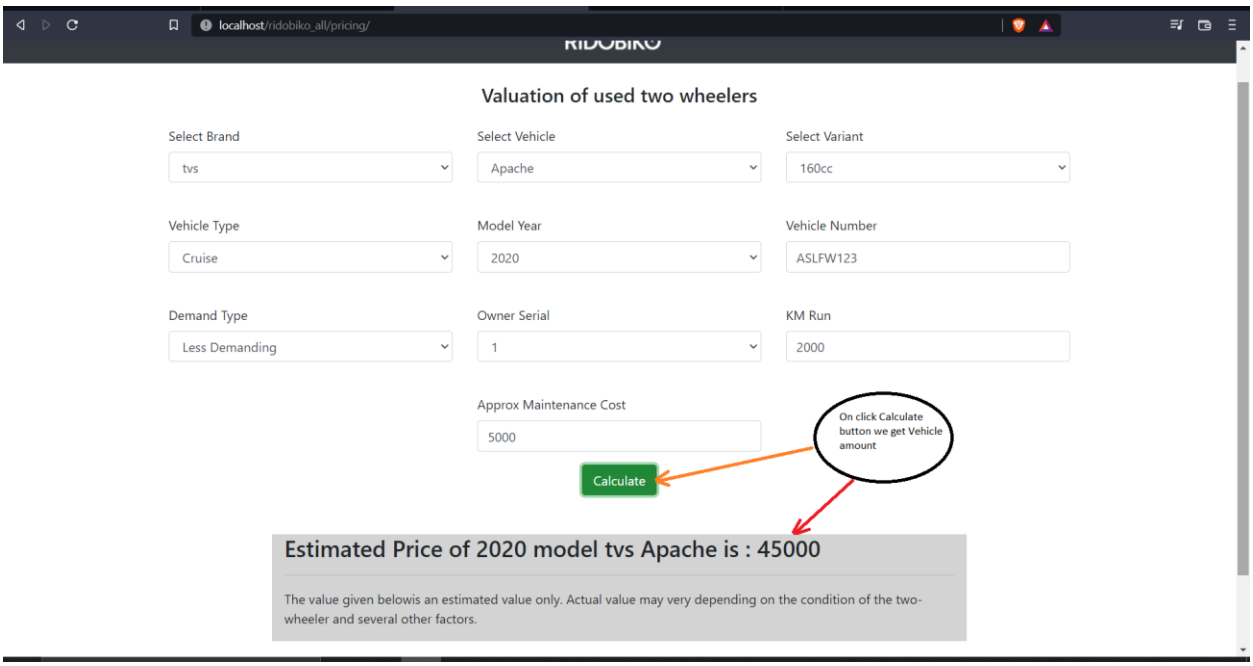
Select variant



Model year and vehicle number



Calculated amount of vehicle



Thank you