

Conclusive Bike Selector System (CBS2)

Danish Jainuddin Desai¹, Amit Appasaheb Waghmare²

^{1,2}UG Student, Department of Information Technology, DBJ College, Chiplun

Abstract: In the present time, the utilization of a scooter is expanding step by step. As we probably are aware scooters are progressively moderate when contrasted with vehicles. So the vast majority of the buyers move to purchase scooters so the purpose behind this project is to guide and suggest the people's topmost scooter according to their needs.

The most important motive of this project is to find the consumer requirements and suggest them satisfactory scooter as per their requirement and to "think over the profit of consumers" and guide them.

Note: Now we are performing this project for only ladies scooters.

Keywords: Consumer, Requirements, brand, Average, satisfaction, global, industry, prerequisites, Scooter.

What is Scooter?

It is a light-weight, two-wheeled and non-gear vehicle with front space to keep legs at the front.

It is specially designed for Ladies.

1. Introduction:

India has surpassed China to rise as the world's greatest advertisers for the scooter. An aggregate of 37 million scooters was sold here a year ago, which is more than 48 thousand units consistently. ^[1] Most of the users buy Scooter by knowing the Information about scooters from various websites, videos, etc.

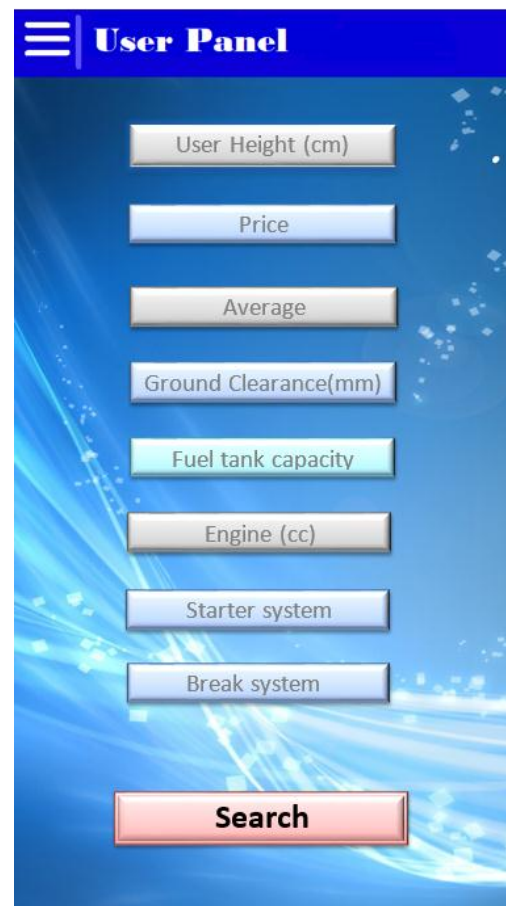
In any case, how the client knows and looks at the characteristics of scooters and pick careful scooters as per their prerequisites. Sometimes a customer knows this information from showrooms or third party but, they do not compare that information with their requirements.

The proper way to choose a scooter is to compare all scooter qualities such as brand, average, engine, fuel tank capacity, starter system, and price means customers budget.

So to sort out this problem we innovate a mobile application named as SBS. In this application, we gather the user's requirements and suggest them topmost scooters according to prerequisites.

2. Working of the System

When the user opens the application it sees the home screen where they can put their requirements to get suggested with perfect scooter according to matching their prerequisites.



In this app, the user can compare various qualities of a scooter as shown in the above screenshot.

3. Basic Scooter Qualities while purchasing Scooters:

Average (Mileage): Mileage is the total distance traveled by scooter in km per liter. We get this reading directly on the odometer. The unit of Average mileage in kmpl ^[2]

Engine: An engine or motor is a machine designed to convert one form of energy into mechanical energy. Heat engines, like the

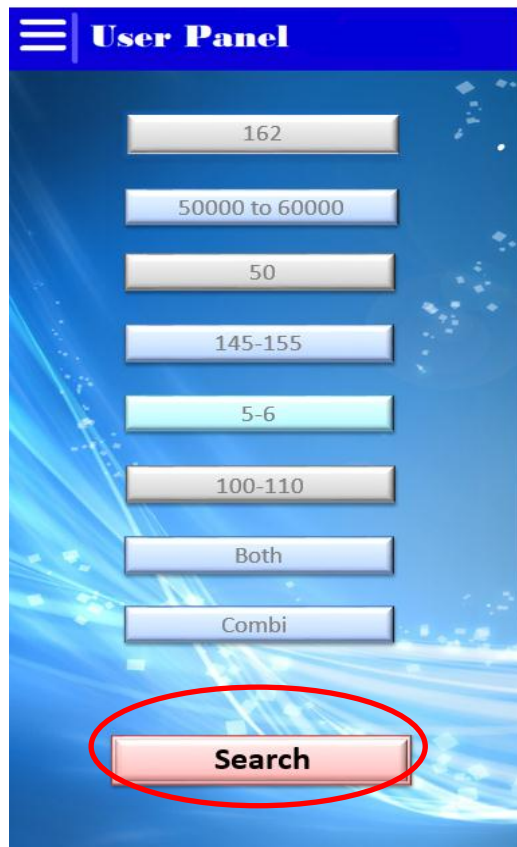
internal combustion engine, burn a fuel to create heat which is then used to do work and this power is calculated in cc. [3]

Ground clearance: Ride height (also called ground clearance or simply clearance) is the amount of space between the base of an automobile tire and the lowest point (typically the axle) Ground clearance is measured with standard vehicle equipment and it is usually given with no cargo, passengers and user. [4]

Fuel tank capacity: It refers to the size of the fuel tank and how much it store the fuel.

Starter system: To start the engine we have 2 options i.e. Button start (Electronic start), Kick start and both (Button start and kick).

Brake: A Scooter brake reduces the speed of a Scooter or prevents it from moving. The three main types are rim brakes, disc brakes, and drum brakes. [5]



As shown in the above screenshot, the user inserts their requirements. Such as their height, budget, average, ground clearance, fuel tank capacity, engine power, starter system type and break type. When the user clicks on the Search button, this data is compared with our database and according to customer requirements, the topmost scooter s are suggested by application.

4. Advantages of the system

1. By using this application the user can save our time.

2. This application can give the proper information on each scooter.

3. According to customers need this application will suggest the top scooters.

4. The users will find the scooter under their budget.

5. Conclusion:

Transportation needs are winding up increasingly intense. With the mounting weight on the open transportation framework, the best accessible arrangement is to have individual transportation for which scooter s are perfect. So to make transportation comfortable for that particular the user they must choose a perfect scooter according to his prerequisites. Thus by using this application, it suggests topmost scooters to the user.

In this manner, the scooter makers should producer their items fit the prerequisites/inclinations of the customers.

6. Future scope:

1. To add all cars and Bikes in the application.

2. To show nearby garages and showrooms.

3. Send the feedback and requirements of customers to manufacturers.

7. Reference:

[1]<https://auto.ndtv.com/news/india-becomes-no-1-two-wheeler-market-overtakes-china-1690084>

[2]<https://www.quora.com/What-is-the-meaning-of-scooter-mileage>

[3]<https://en.wikipedia.org/wiki/Engine>

[4]https://en.wikipedia.org/wiki/Ride_height

[5]https://en.wikipedia.org/wiki/Bicycle_brake

BIOGRAPHIES:



Mr. Danish Jainuddin Desai,

UG Student, Department of Information Technology, DBJ College, Chiplun-415605, Maharashtra, India



Mr. Amit Appasaheb Waghmare,

UG Student, Department of Information Technology, DBJ College, Chiplun-415605, Maharashtra, India