

Design and Development of Range of Accessories for Two Wheelers



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Abstract:

In this modern world, the developing countries are giving priority for their personal transportation modes. Everyone wants to have easier personal transportation for their day today needs. As the industrial revolution competency in the world becoming more challenging, for such countries ease of personal transportation is important. India being a developing country with more population and most of them with middle class earning, a product should fulfill the needs of personal transportation & should be comfortable for everyone. In highly dense cities having more & more traffic condition makes difficult to carrying personal things, while riding vehicle. Hence to overcome this situation there is a need to find out some solutions to make it simple & easy. Two wheeler is the most used personal transportation vehicle in India, especially in the city and urban areas, as it is convenient vehicle to use. Hence people tries to utilize as much as possible for their transport. It's used in routine life for travelling between office and home, to travel the short distances around, for carrying grocery things etc., The Accessories helps to ease the use of personal transportation in two wheelers. One such accessory called "Multi utility box" is developed after research, study & people's feedback. This helps to keep some personal belongings while travelling as well as in the parking condition. This is designed by considering ergonomics, ease of access, provisional for keeping personal belongings like helmet, official documents, tool kit, lunch box, also can be used to keep grocery things. Totally this project tries to give the solution to the user difficulties which are facing with the existing accessories. Also by integrating multi accessories in one product helps the costumer to be more comfortable while accessing.



Concept 1



Concept 2



Concept 3



Concept 4

Various concept of accessories for two wheelers



Concept 5



Concept 6



Final concept



Working model