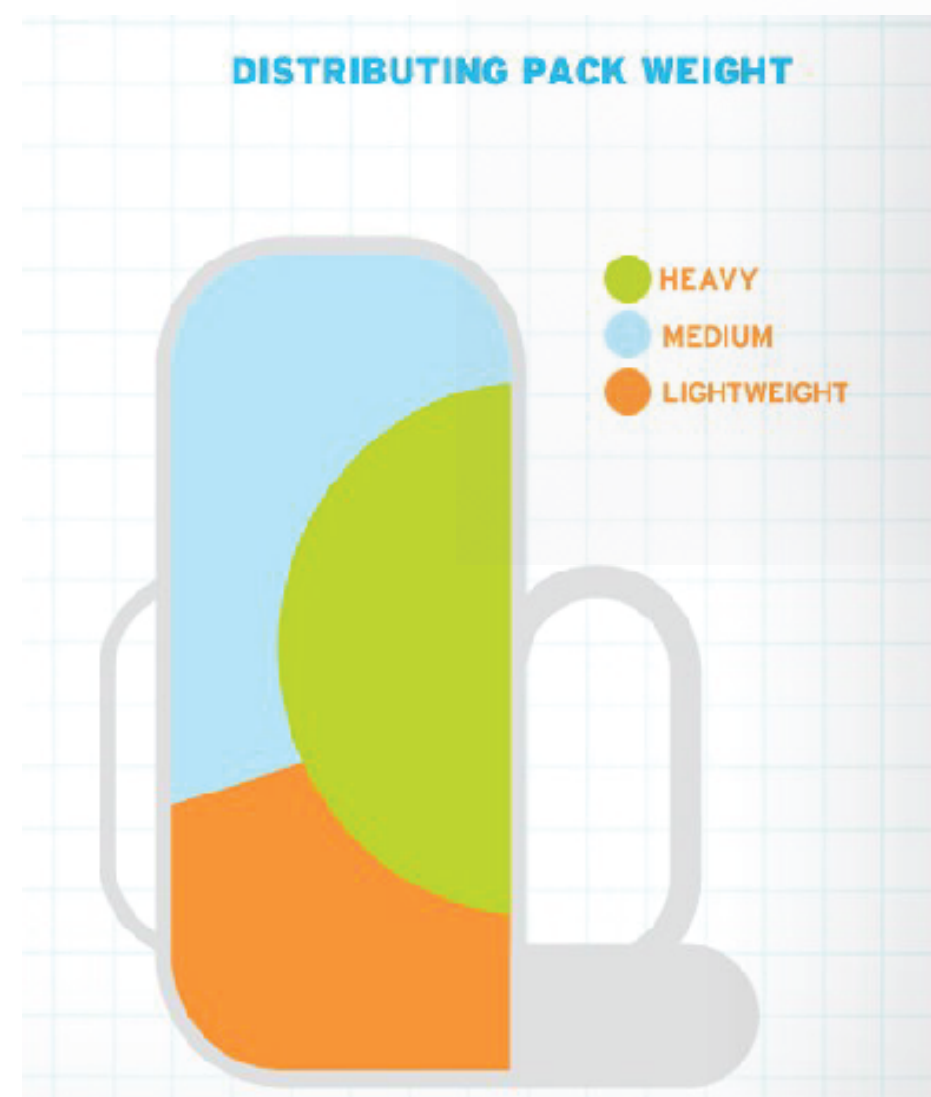




# Medical Rescue Bag for Outdoor Activities

Industrial Design : MY1600683-0101



## NEED

The rescue unit in Malaysia does not have a specific type of first aid container for a specific emergency situation especially in the jungle/rough area. Only one type of first aid kit in all situations and area used in their rescue activities. Besides, they also need to bring a few items separately, such as a stretcher. The existing stretchers that they used are heavy and bulky to be brought into the forest.

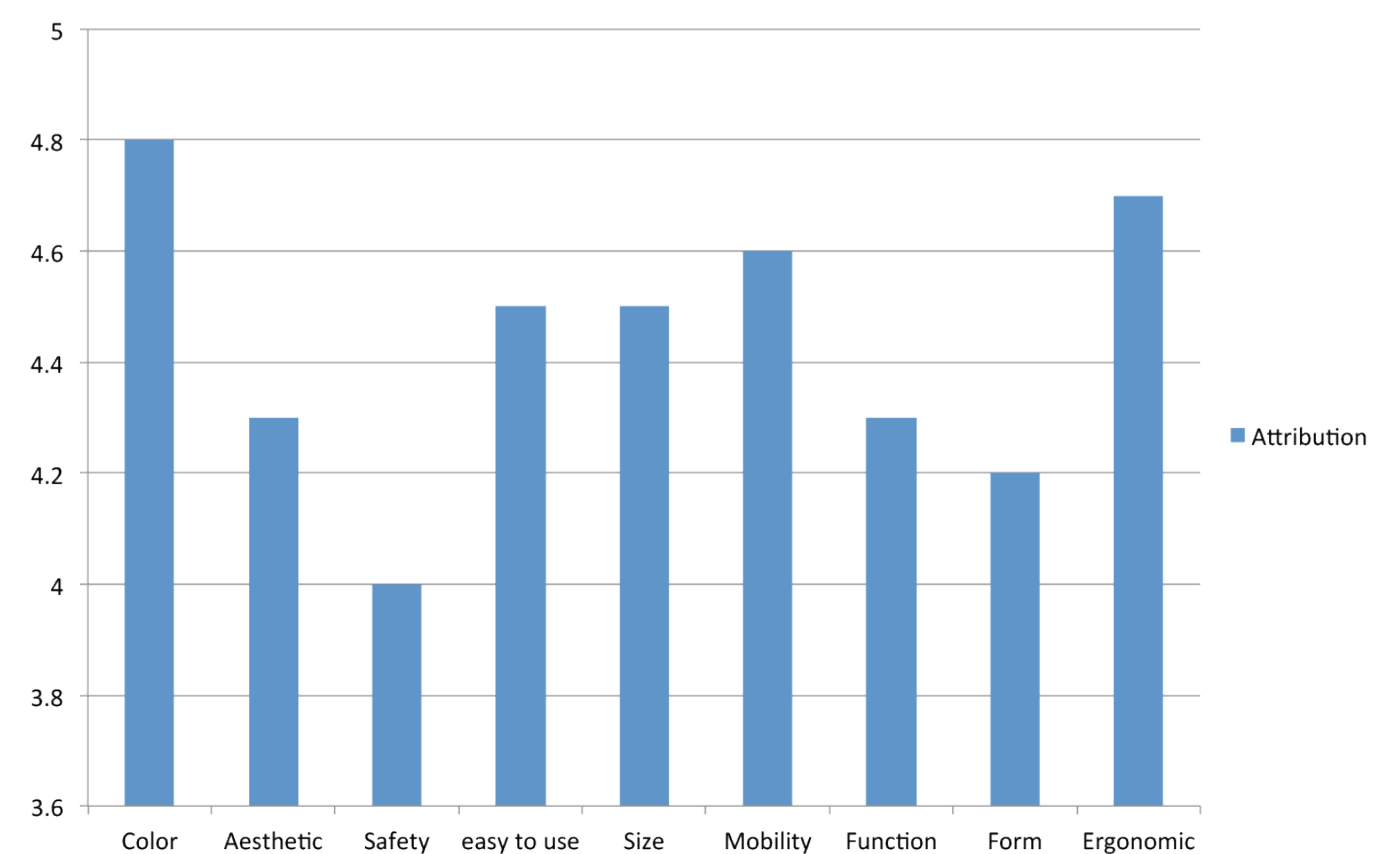
## APPROACH

The medical bag is compact, light weight, easy to carry during outdoor activities especially in rough and wilderness areas such as jungle and mountain. It also consists of an adjustable shoulder stripes with BOA system and a vacuum type foldable stretcher for emergency purposes.

## BENEFITS/ADVANTAGES

The backpack type of medical rescue bag was designed to feature the shower resistant material used that is lightweight ( $\pm 2$  kg), ergonomics, ease of handling and compact. The cost to produce this design is not too high and can be cheaper when it come out in mass production.

Attribution



## COMPETITORS

- Medical Rescue bag (HiKi) is an alternative to the existing imported products. It is easy and effective medical bag for the paramedic or Rescue team to use it in the outdoors with the consideration of Malaysia climate and needs. It can be commercialized either in the local market, as well as internationally.



Project Leader : Assoc. Prof. Dr. Nazlina Shaari  
 Co-Researchers : Siti Khadijah Mahrof  
 Faculty : Design and Architecture  
 Email : nazlinashaari@upm.edu.my  
 Phone : 03- 89468045/ 019 8182465  
 Expertise : Kansei in artifact Design