

# STEP FRIENDLY WHEELCHAIR

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## ABSTRACT

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The purpose of doing this project is allow me to apply the techniques which learned in college for generating, calculating, designing, analyzing to meet specified requirements. Besides, I also can experience the way of built a new product or prototype practically. This process also drives me to gain a lot of knowledge and information outside of college.

The main objectives of this project are:-

- To improve the function of a wheelchair without high cost. The improvement will make wheelchair users capable to cross certain curb without help from others.
- To emphasize on the ergonomic of wheelchair users.
- To check out and maintain the safety of wheelchairs those have been constructed.