ABSTRACT

In a general way wheels chair that exists at hospital and among society processes its operational be still manual where current wheeled chair user most not want again adjoined by a wizard upon they gets activity one day – days. Besides, that wheeled chair is not multi-function as seat, arm does splits on chair can't fluctuate so, as transportation that indispensable by its user, wheeled chair needs to be developed bases requisition and their wish.

This planning began by completes all aught lack upon and determining big its charges lifts, then done by style count and torsi what do happen on system then ends by determined its big needful motor energy.

Of energy gets this planning motor on seat, arm does splits, and wheels runaway speed on chair each of 9,6 Watts, 20 Watts, 663 Watts. Torsi as big as 8,16 Nm, 1,59 Nm, 170,29 Nm. to be able to lifts and move wheels chair with maximum charges as big as 115 Kg.

Key Word : Manual, Mobile.