



THE ADJUSTABLE WHEELCHAIR FOR PARTIALLY PARALYZED PATIENT

NURUL AINI SYAFIQAH BINTI MOHD RAZIF
POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH
NUR IZYAN IZZATI BINTI YUSOF
POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH
DAYANA NAJWA BINTI ZAKARIA
POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH
ZARITH SOFFIYA BINTI AHMAD RAZEI
POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH



DESCRIPTION OF INNOVATION

(Innovation background / Ideas / Problem statement)

A wheelchair is a chair with wheels, used for disabled persons who find it difficult to perform movements. These assistive devices is easily moves from one place to another but these existing wheelchairs are difficult to manage patients because of the movement of patient is limited. It is also difficult to handle patient who heavier than guardian. Thus, we designed adjustable wheelchair specially for partially paralyzed patient that can benefit a lot to the patient such as the seat can be adjusted and opened, so patient no need to move. It can also adjust the height and this design combination with wood and steel.

IMPACT OF INNOVATION

(Advantages / Market potential / Spread innovation)

The market for this product is concentrated to pharmacies and hospital in Malaysia and specialized for partially paralyzed patient.

OBJECTIVE

To produce adjustable wheelchair for partially paralyzed patient where the patient no need to perform more movements.

BLOCK DIAGRAM/ FLOOR CHART OPERATION

