

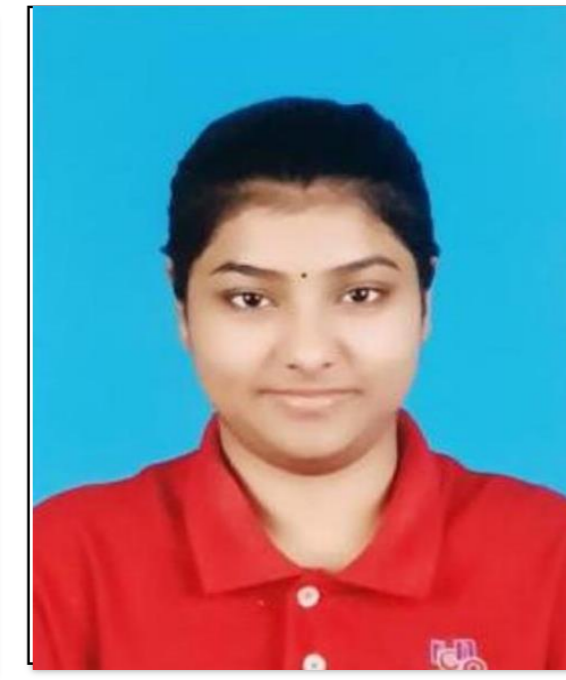


WOODEN SMART BOX

SUPERVISOR: 1. PN MARIANI AYU BT OMAR
2. PN WAHIDA BT MOHAMAD NOOR

GROUP MEMBERS:

- 1. Muhammad Hilmi Bin Ghazali (08DBK18F1039)
- 2. Darshini A/P Raveenthiran (08DBK18F1014)
- 3. Naavineshwary A/P Param Jothy (08DBK18F1010)
- 4. Nur Amirah Binti Ghazali (08DBK18F1003)



POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH

DESCRIPTION OF INNOVATION

Down syndrome is a hereditary disease caused by the extra chromosome on chromosome number 21 found in a child. Children involved are born with physical characteristics and health problem such as slow growth, difficulty speaking and problematic in lessons.

Through this wooden smart box, children with down syndrome can improve their physical and mental delays. They can learn and recognize basic things such as alphabet, numbers, shapes and psychomotor easily and fun.

This product are designed with ergonomic suitable for children with down syndrome. The wooden smart box are made from rubber wood species. It is because this wood has more durability, soft to touch and low maintenance.

IMPACT OF INNOVATION

To improve the physical and mental delay of down syndrome kids during their early stage of childhood.

Can be placed in Down Syndrome association or medical institutions.

As a playing tool to help children with down syndrome to identify colours, numbers, shapes, alphabets and psychomotor.

Can keep personal belongings inside the box.

OBJECTIVE

To help Down Syndrome children in learning aspects such as identifying alphabets, numbers, shapes, and improve psychomotor skills more easily and fun.

As a storage box for children with down syndrome to keep their personal belongings.

FLOW CHART

