

BACKGROUND

Instituto Nuevo Amanecer (INA) is a charitable institution for children with cerebral palsy, based in Monterrey, Mexico.

INA have previously been donated twenty tablet computers to be used as an Augmentative and Alternative Communication (AAC) device.

Only five tablet computers in use upon our arrival due to the high cost of mounting devices to enable their use.

OBJECTIVES

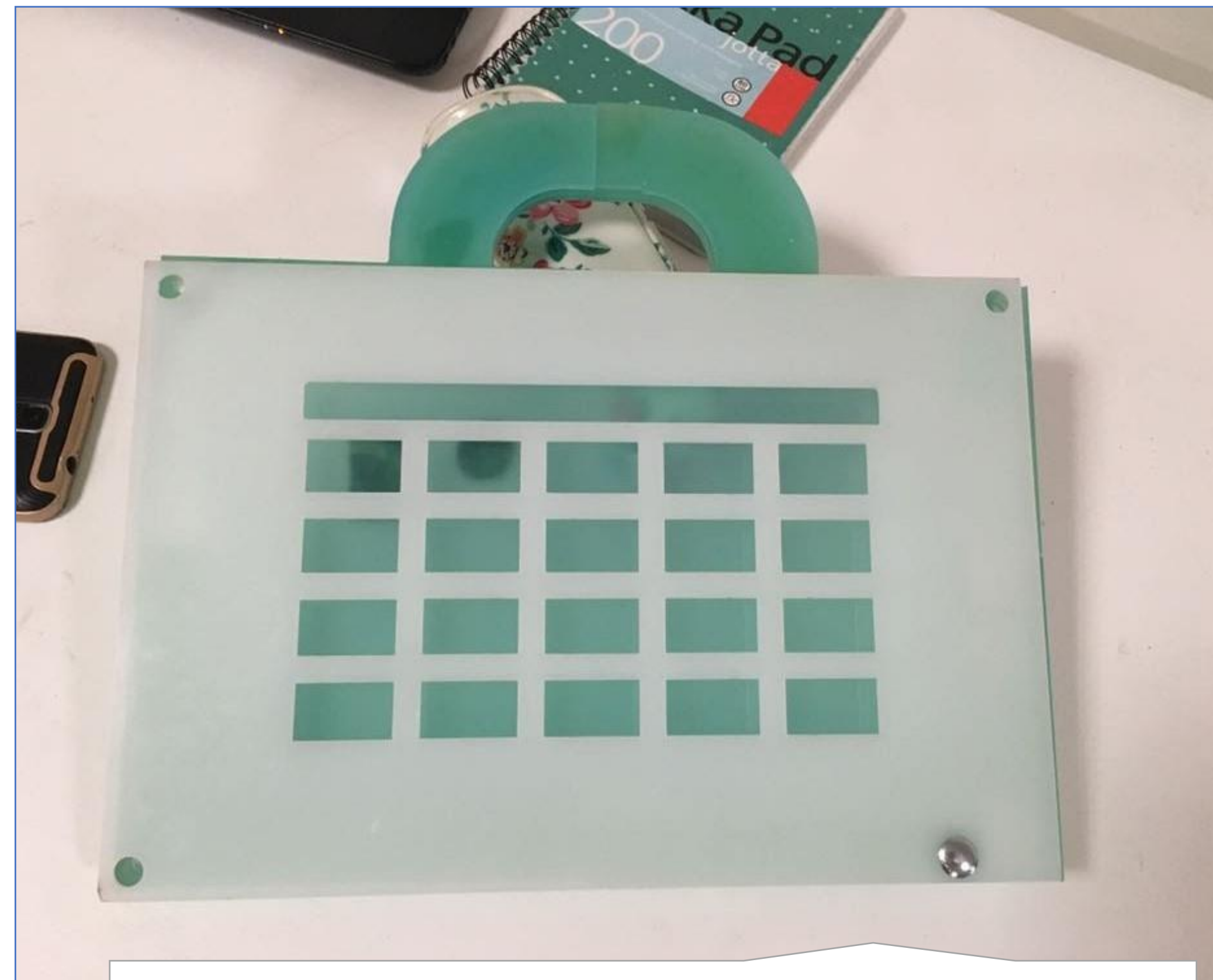
To create a solution which will help overcome the physical barriers of using the tablets for communication which is:

- Impact-resistant
- Adjustable view angle
- Able to be securely positioned on a tray
- Option of a removeable keyguard
- Low-cost
- Created using sustainable materials and manufacturing processes

METHODOLOGY



Defining Requirements

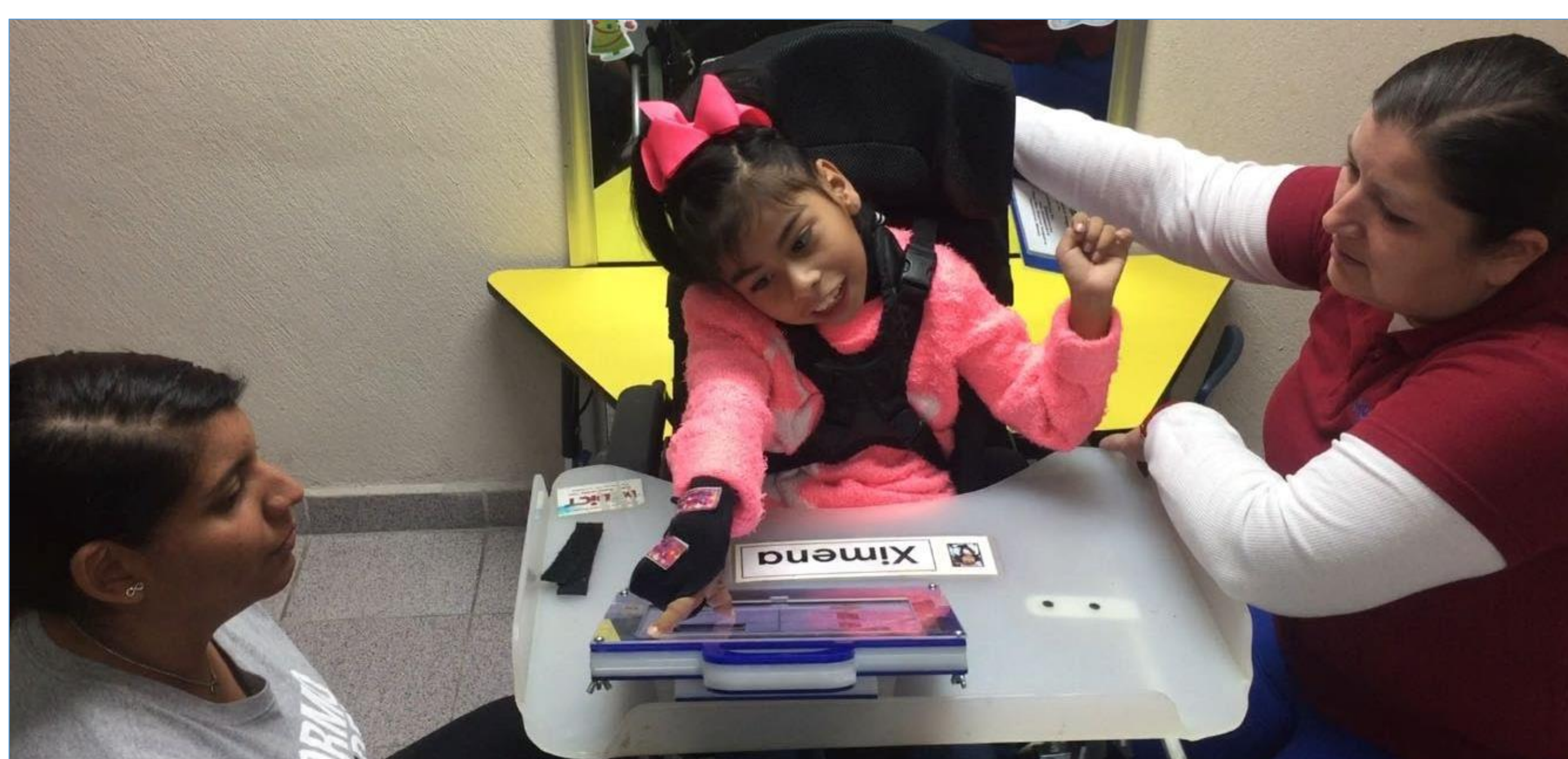


Prototypes



Design Review Sessions

RESULTS



CONCLUSION

The design process followed throughout the production of Càpsula resulted in a solution which met the needs of the teachers, therapists and children. Càpsula provided a secure and simple method of positioning the tablets for children at INA. Càpsula encourages more consistent use of tablets for the children's communication.

ACKNOWLEDGEMENTS

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