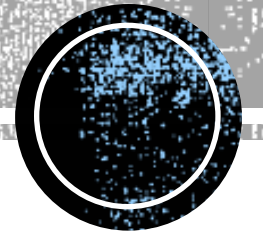




TEAM HUIKU DEEPSAND WHEELCHAIR



Active wheelchair riders in D'Kar have difficulty moving through the sand and gravel terrain, which limits their mobility and their interactions throughout community. They often have to exert a lot of effort to move independently or rely on others to help move around and beyond the house. We have developed accessories, including wider, more durable wheels and levers to drive those wheels, that can be adapted to existing wheelchairs so that the riders can retain the comfort of their current products while moving through sand more easily. We hope this promotes better access to more resources and opportunities in the community to increase their abilities to live more independent and fulfilling lives.

Key Features

- ❖ Wider wheels
- ❖ Large front wheel
- ❖ Dual lever-drive & push rim mechanism
- ❖ Less effort through sand
- ❖ Comfortable grip on lever & push handles
- ❖ Thorn-resistant solid foam tyres



Team members *(Left to Right)*

Ketelelo Moapare, Haily Tran, Xgaiga Qomaxa, John Nambwa, Kebonye Sethunya Leburu, Coexae Mpho, Monkogoi Otlhogile, Keemenao Matale, Aaron Wieler, Pierce Gordon, Matt McCambridge, Helen Amorin

