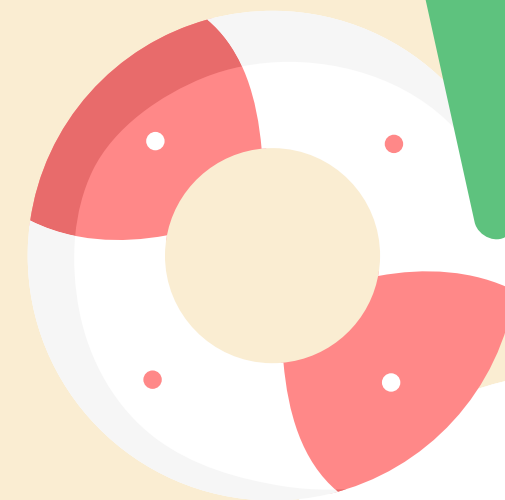


BEACH MULE



The Beach Boys



MEET THE TEAM

Team Lead/Power Lead:
Garrett McLaurin



Assisted Wheels Lead:
Nick Gray

Controls Lead:
Saurav Josan

Software Lead:
Ryli Cruz

Tracking Lead:
Christian Watson

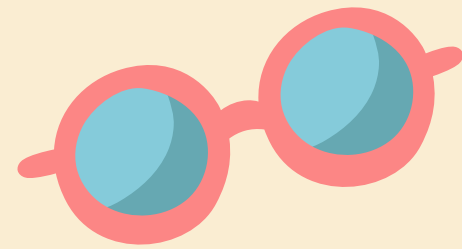


MEET JOHNNY

Johnny is a husband, a father, and a pet owner. He hates going to the beach because he has to carry everything when he gets there.



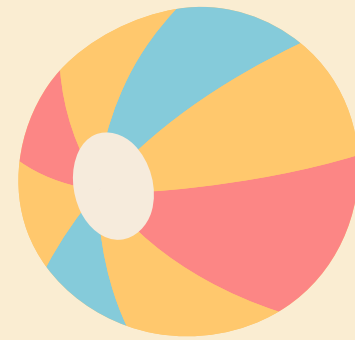
Johnny
Age 36
Male



PROBLEM

Carrying items to the beach can be difficult

- Beach Items
- Babies/Toddlers
- Pets
- Lifting disabilities



SOLUTION



Introducing the Beach Mule, an advanced beach cart used to improve your beach experience

- Auto Pilot Mode
- Assisted Drive Wheels
- Built for All Beach Terrain

Worry less, relax more



TARGET AUDIENCE

- Families
- Those with difficulty lifting/carrying
- Beach cleaning organizations
- Beach Enthusiasts



PROJECT DESCRIPTION

SUBSYSTEMS

- Hardware
 - Power
 - Controls
 - Assisted Wheels
- Software
 - Controls
 - Self-guided
 - Assisted Wheels

FEASABILITY

- Get to Prototype Stage by mid to end November
- Improve upon and correct existing design flaws

COMPETITIVE ADVANTAGE

My Sandhopper

- More expensive
- Cannot track user
- Add-ons come at extra cost

Beach Mule

- Less expensive
- User friendly
- Autopilot setting



[1]



REFERENCES

[1] “Built to last and built to be Safe.,” MySandhopper.,
<https://www.MySandhopper.com/> (Accessed Aug 30,
2023)





THANK YOU