

THE SOCCER BALL SOCCER DROID

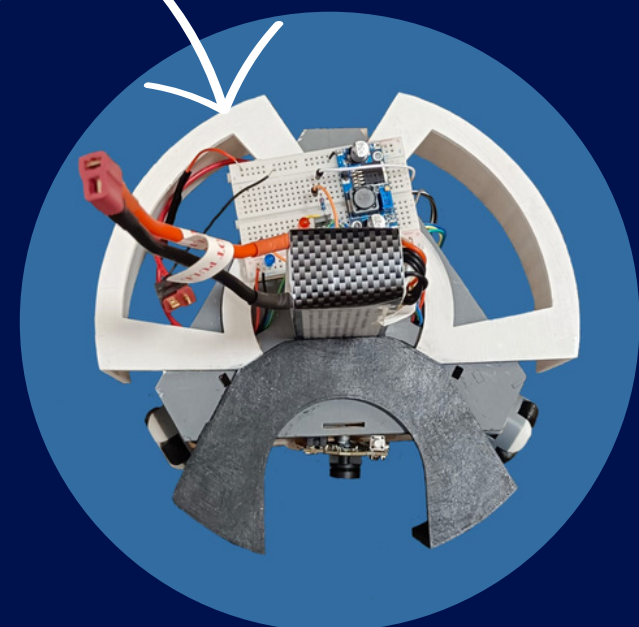
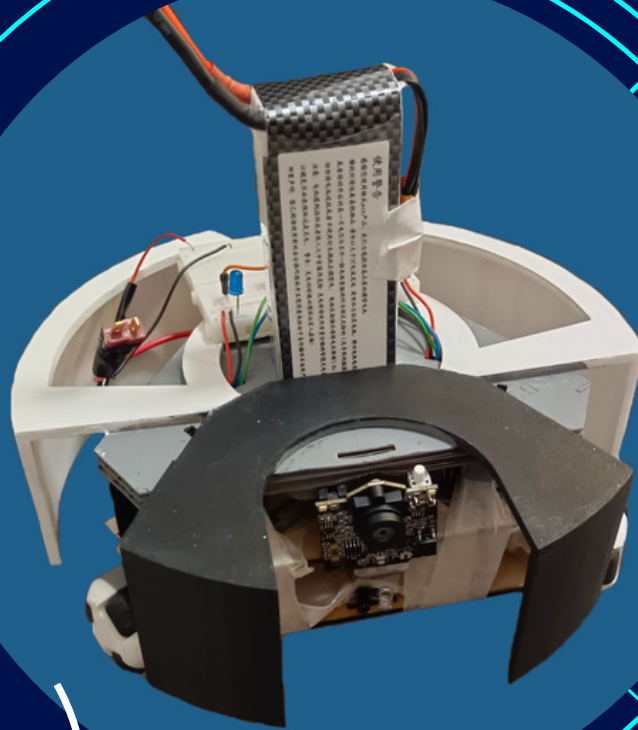
Aesthetic Appeal

- PLA used for 3D printed roof, outer structure and the omni-wheels
- Soccer Ball Inspired Design (round shape, white and black colours)



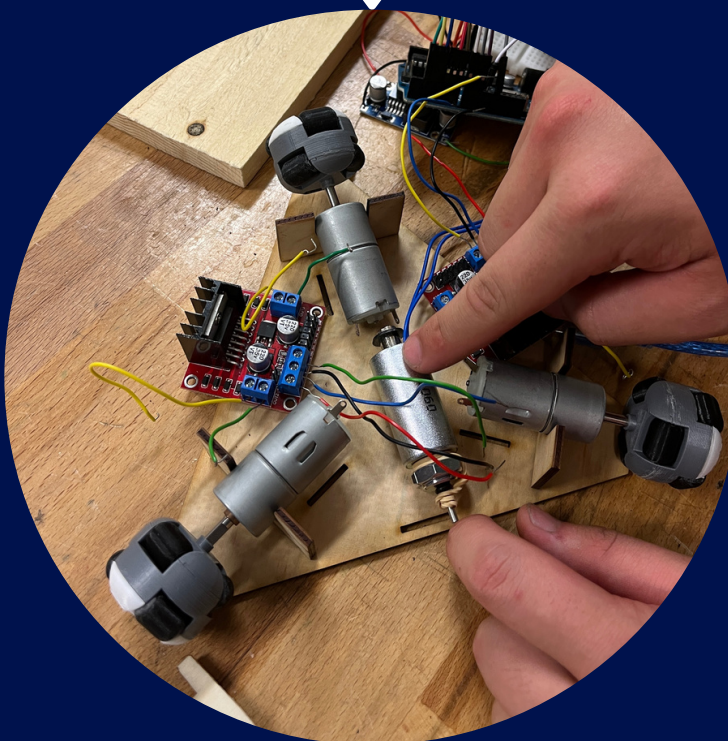
Engineering Quality

- Designed using Solidworks CAD software with millimeter precision
- Cylindrical shape to sustain movement near corners.



Robustness

- The soccer droid has been engineered to withstand the rigorous nature of the game.
- Exceptional durability and resilience from the 3D-Printed PLA cylindrical casing, which protects the wheels and electrical components.
- 3mm Plywood solid resilience



Innovation

- 3D printed Omniwheels
- Integrated cylindrical and triangular design
 - Circular 3D printed outer protective casing
 - Triangular inner plywood platforms to hold all electrical components
- Used scrap plywood to reduce waste, making it material eco-friendly ♻️