



SmartTeam Project: Unlocking Secrets Behind Athlete Performance and Safety

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Smart Team: Unlocking Secrets Behind Athletic Performance and Safety

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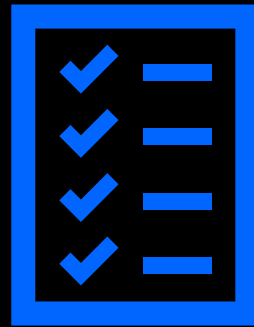
 @ThayneMuncePhD



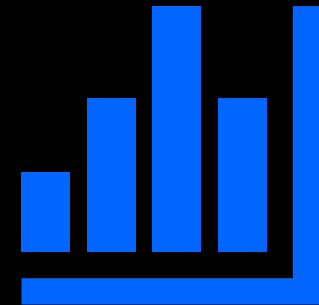
OBJECTIVES



PURPOSE



PLAN



PILOT PROGRAM

PURPOSE

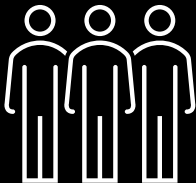
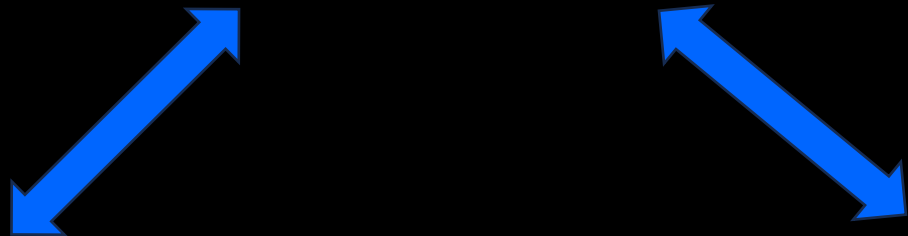


The Smart Team Story

FUNCTION
(what you do)

PURPOSE
(why you do what
you do)

Jobs to Be Done



Customers



Researchers

What Jobs Can Smart Team Help a Coach Perform?

- Support Decision Making → Provide a Competitive Edge
 - Athlete Safety
 - Athlete Optimization
- Promote Athletes
 - College Recruiters
- Develop Athletes



What Jobs Can Smart Team Help a Researcher Perform?

- Make novel discoveries
- Disseminate findings
- Transform discoveries into real-world applications



What Jobs Can Smart Team Help FieldTurf Perform?

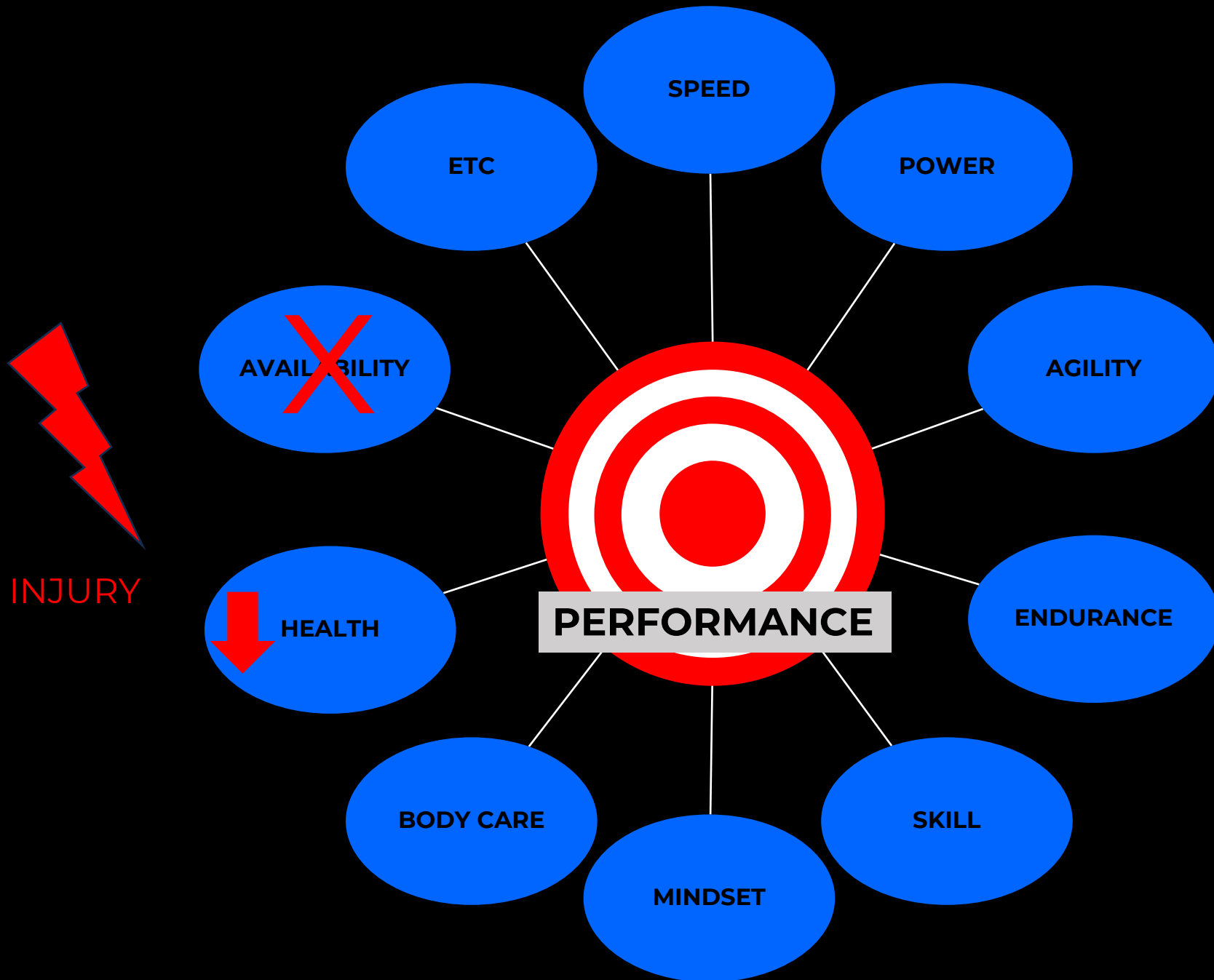
- Make a difference for its customers
- Be an industry leader in innovation / safety
- Achieve business goals



*“Winning isn’t
everything; it’s
the only thing”*

– Henry “Red” Sanders





What are the Smart Team Deliverables to Get These Jobs Done?

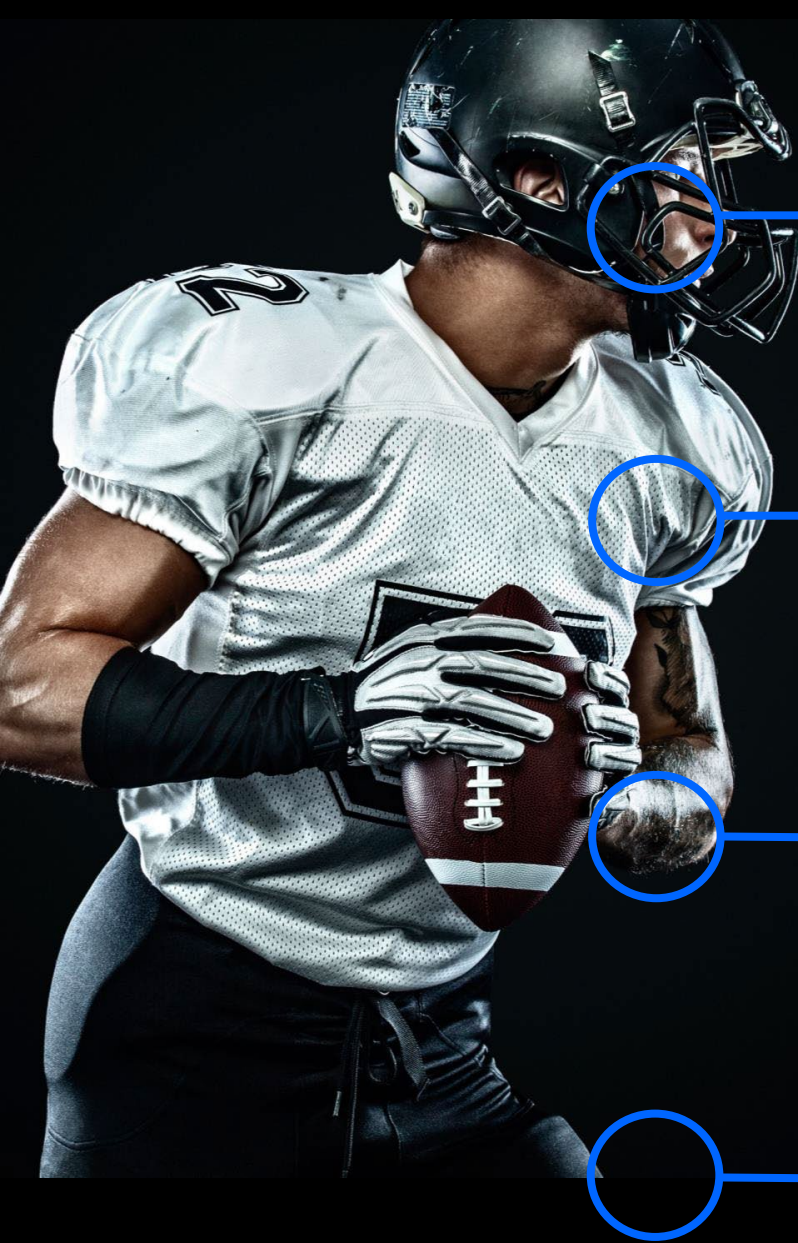
Deliverables	Stakeholder
Real-time Athlete Load Monitoring - Performance	Customer
Real-time Athlete Load Monitoring – Injury Prevention	Customer
Athlete-Turf Interactions (injury risk)	Sponsor
Athlete-Turf Interactions (performance)	Sponsor
Injury Risk Factors (research)	Researcher / Customer
Performance Factors (research)	Researcher / Customer



PLAN

DIGITAL ATHLETE






prevent
biometrics




CATAPULT

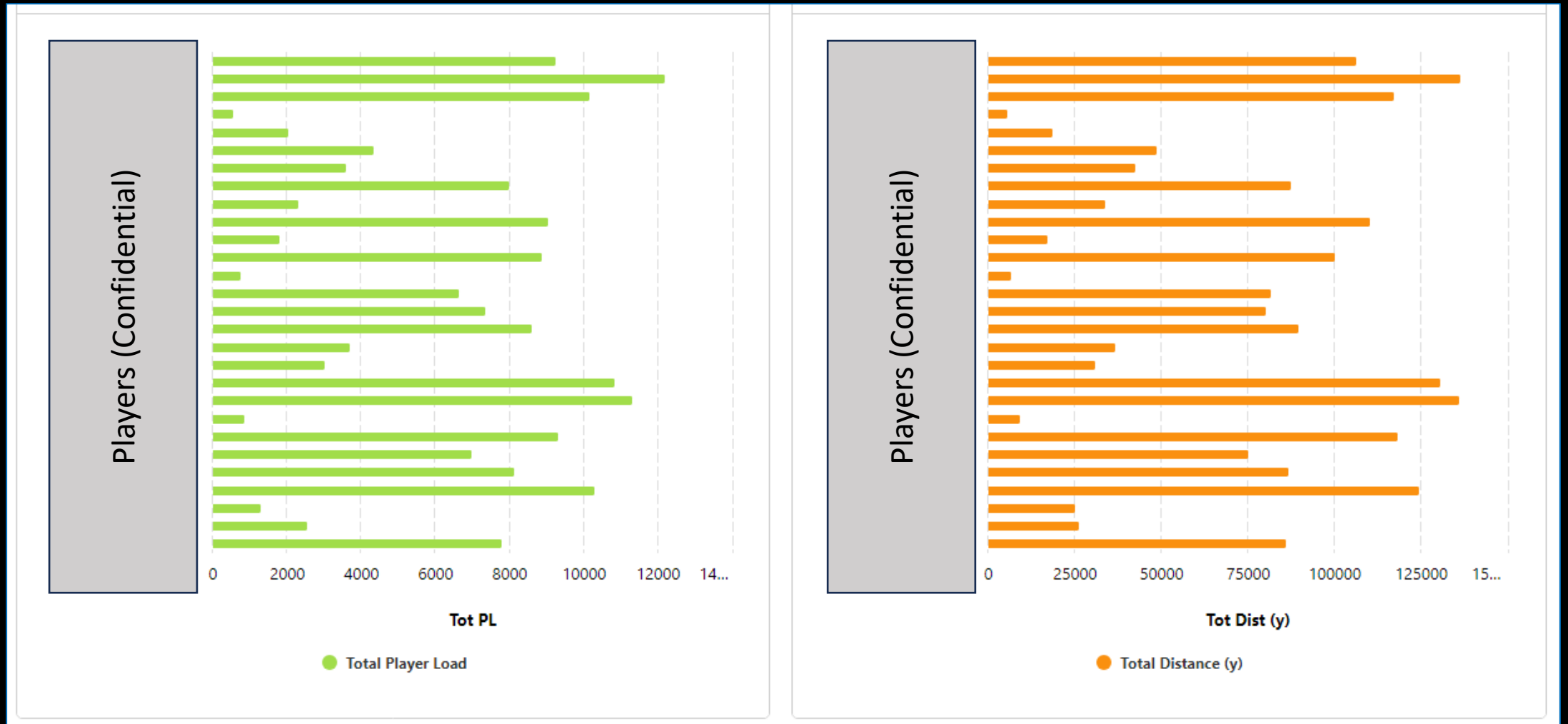


WHOOP

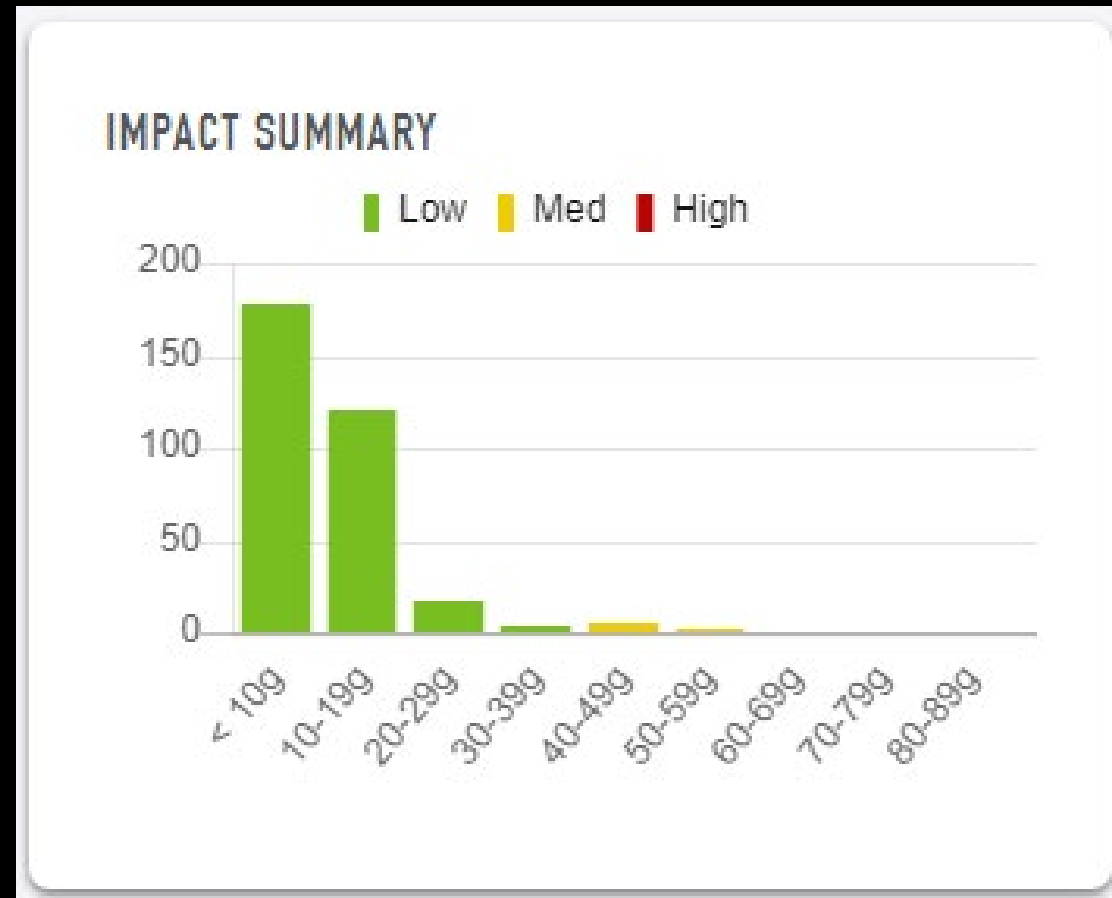


plantiga

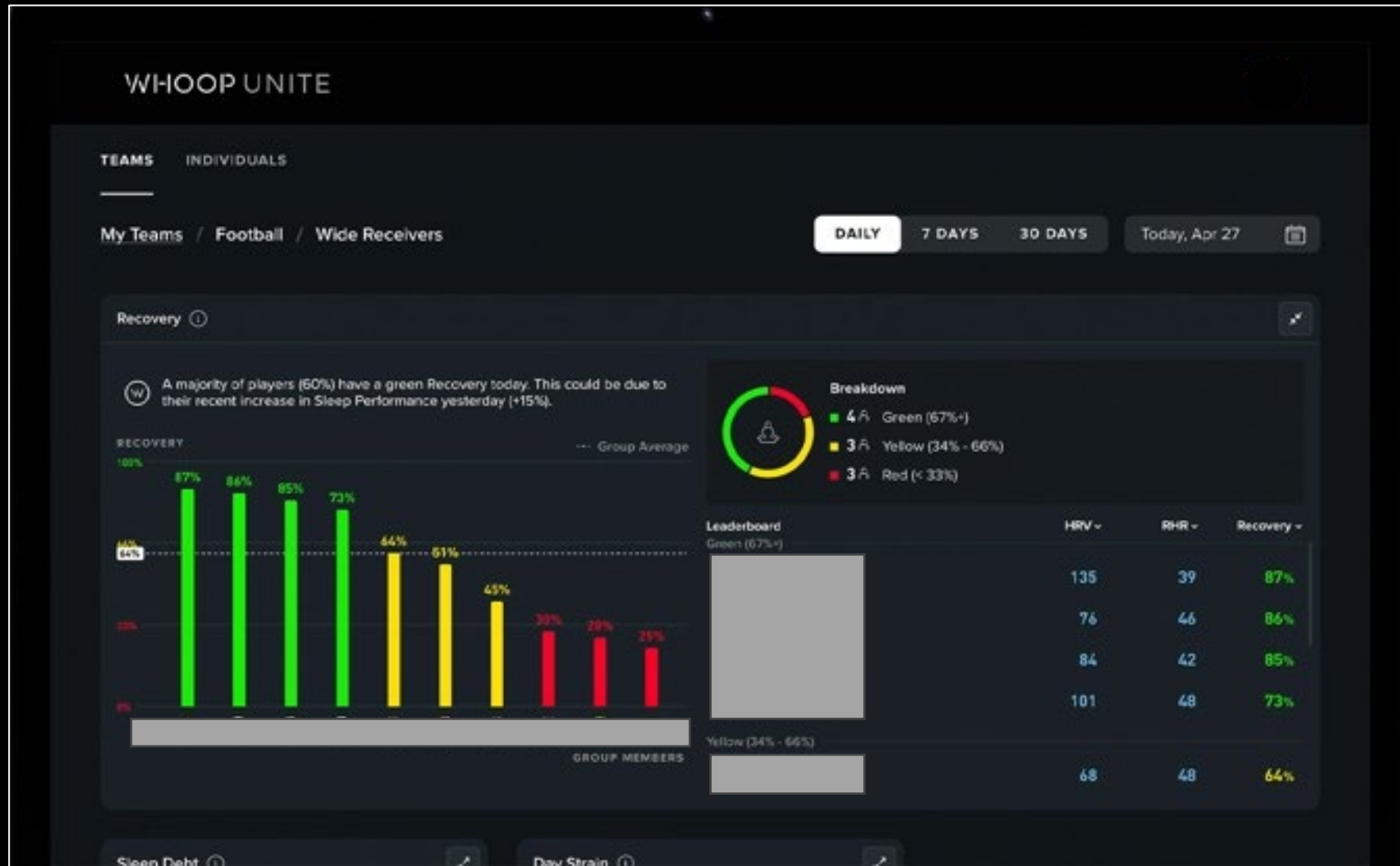
Catapult GPS Parameters

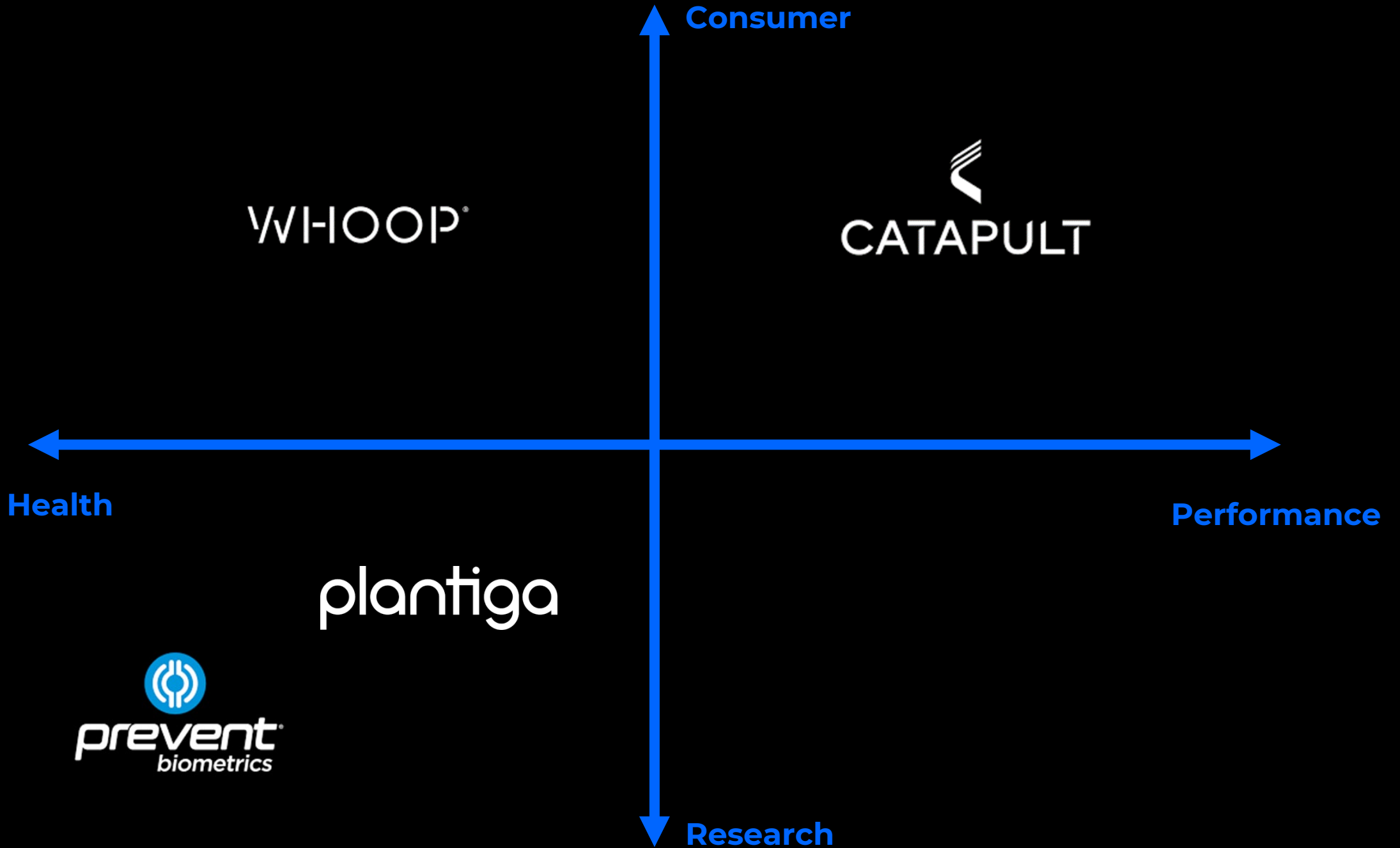


Instrumented Mouthguard Data



Whoop Recovery & Strain Data





 **hudl**

Clegg

Genius

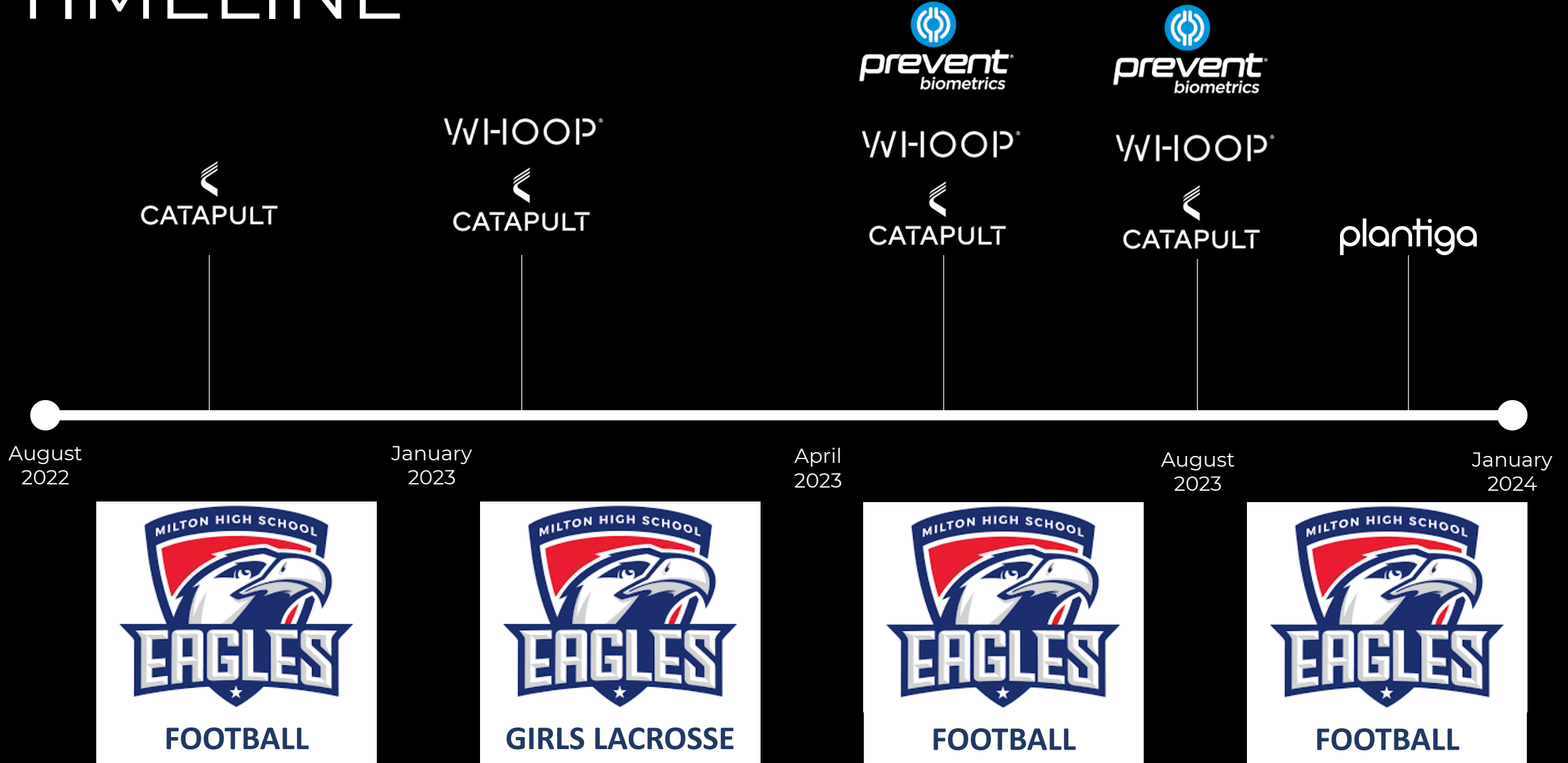


PILOT PROGRAM



Milton High School,
Milton, GA

TIMELINE



CHAMPIONS!

Milton Eagles earn 2nd state title in upset win over Walton

By AMBER PERRY Dec 15, 2023

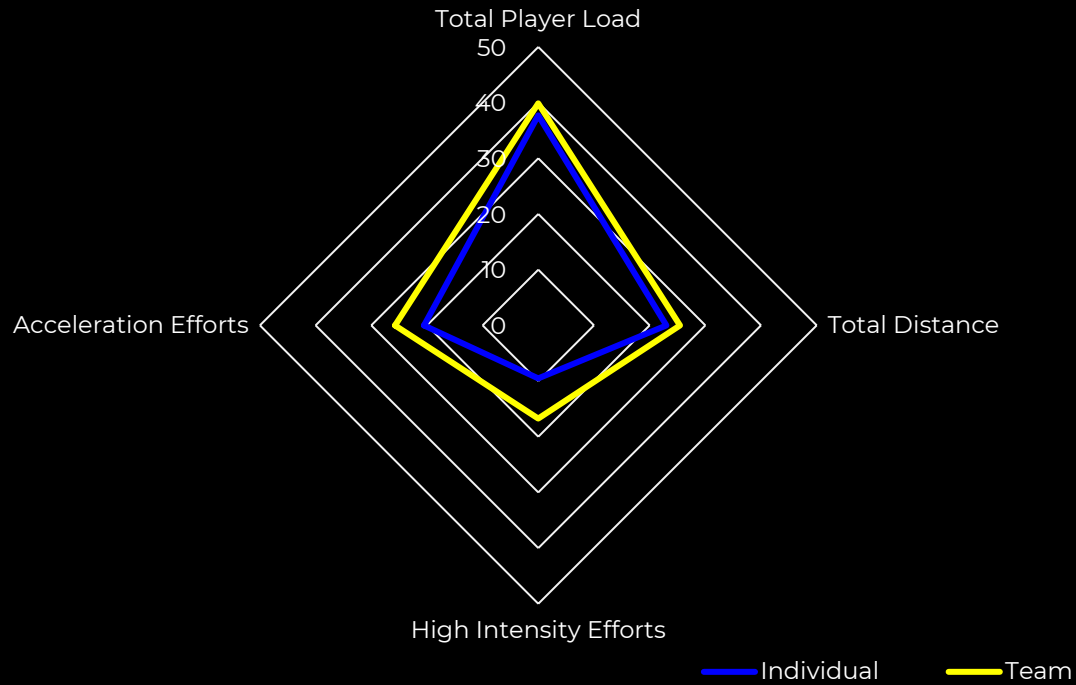


The Milton High School Eagles celebrate their win against the Walton Raiders in the Class 7A GHSAA State Championship game Dec. 15 at Mercedes-Benz Stadium.

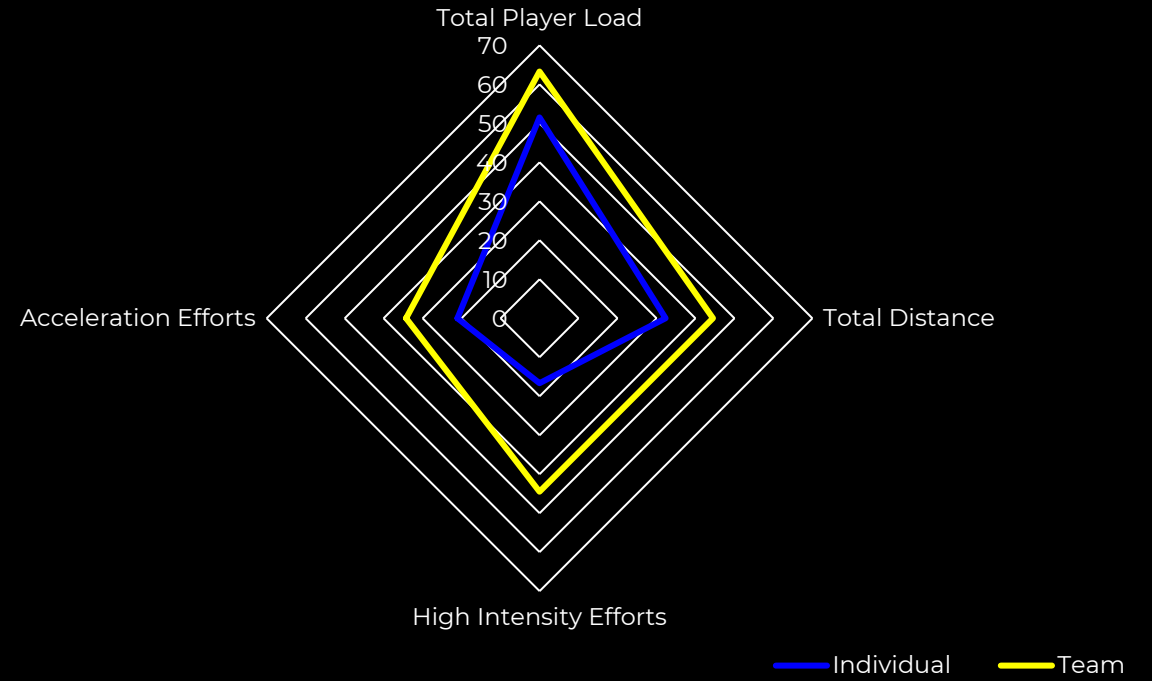
MILTON HIGH SCHOOL/PROVIDED

Team & Individual KPI Profiles: GPS

GPS KPIs: Individual vs. Team (Practice)



GPS KPIs: Individual vs. Team (Games)

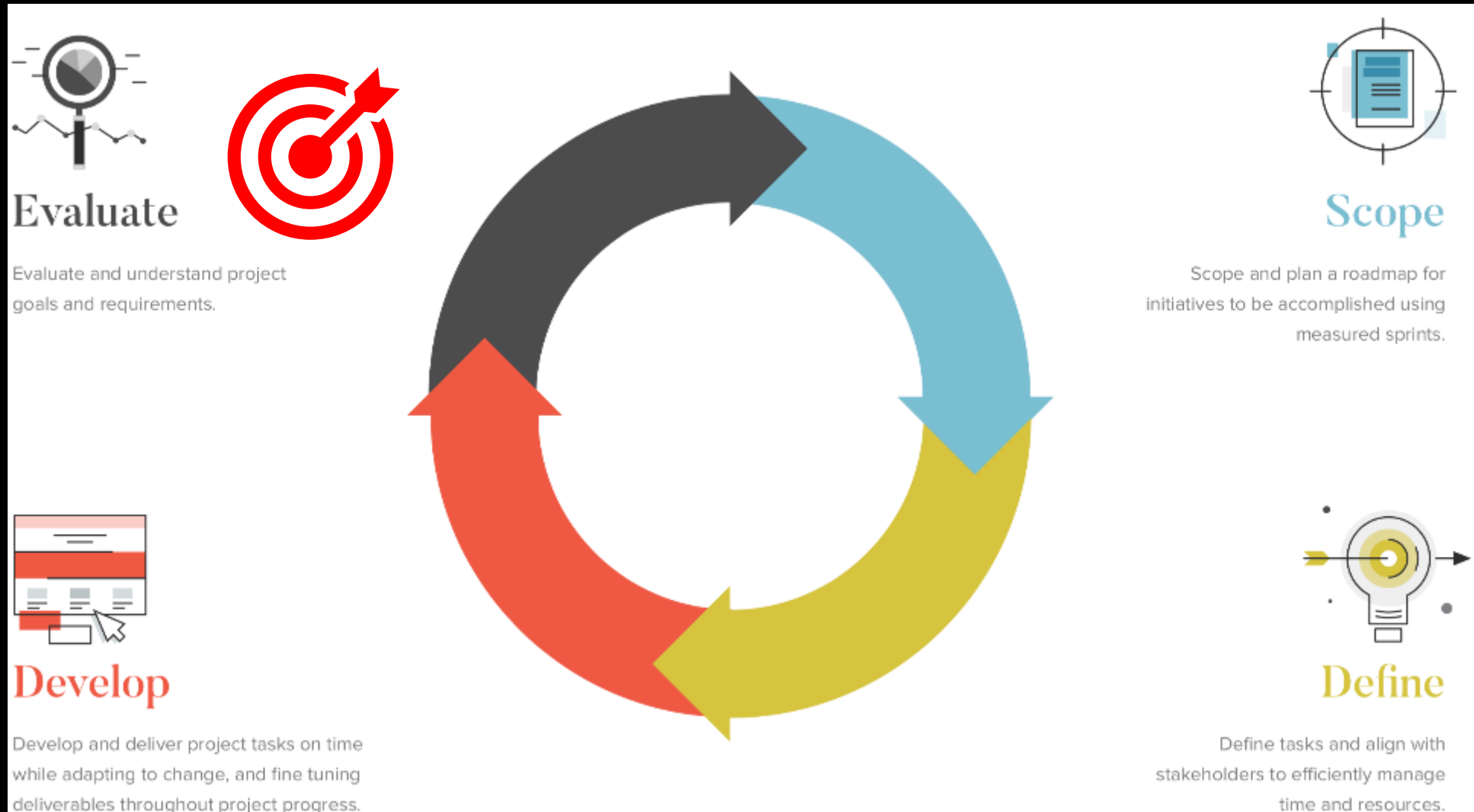




INJURIES

PERFORMANCE

Smart Team Life Cycle



“Of course it’s hard. It’s supposed to be hard. If it was easy, everyone would do it. Hard is what makes it great.”

– Jimmy Dugan,
A League of Their Own

