PointGuard

Purple B

Sketch Model Review

Active Play
Need

- Practice catch-shoot drills alone
Product

- Passes basketball at the sound of a clap
- Rotates to actively track player
Market

- Over 1 million high school basketball players in the US
- $41 Billion Sports Equipment Market
- Similar existing products
- PointGuard markets to homes
Technical Feasibility

- Existing ball passing technology
- Clap activated technologies exist
- Biggest obstacle - tracking the player
Sketch Model

- Photodetectors locate LED worn by player
- Proportional gain controller drives motor
Acknowledgements

- NerdKits
- National Federation of State High School Associations
Questions/Comments