Goals
To give a team the ability to evaluate their movements and positions on the field. This will ensure the precision and the efficiency of the drills being run.

Practice makes perfect. Practicing well makes even better.

• Tracking multiple members’ paths
• Drawing desired path
• Overlay the drawn paths with the paths the members ran
• Record drills for later use

Results

Overview
Software
Settings: to allow customization for different users
Draw: to give the instructor a way to plan out and share drills
Track: to show the team the paths that were run

Hardware
Ultra-Wide Band Locating System
• 4 Anchors at each corner of field in orange cone
• Tag worn by each player on wrist inside sweatband

Conclusion
The Drill Route Capture is designed to establish a new use for technology already in play. Giving a team (sport, military, or other) a concrete way to judge their locations while in motion on a field will increase effectiveness of practices. Thus increasing overall performance.

Ethics
The company that Team 7 bought its technology from means for its product software to be customizable. The regulations required by different sport associations and military branches have not been violated.