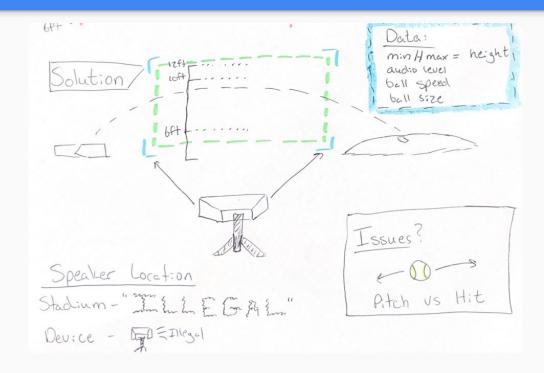
Softball Team 2

Product Research

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Project Overview

- Develop a portable device that determines an illegal pitch based on height and audibly call "illegal" before the batter swings.
- Be able to recognize if the maximum height in the arc of a pitch is within the legal range.
- Doesn't get in way of players and umpire.
- Will not be damaged by a ball in play
- Height range must be adjustable.



Problem Statement

- Inaccurate illegal calls are a large factor in the outcome of the game.
- Different umpires can call the same pitches differently
- Players and spectators get upset with calls.
- Arguments arise between players and umpires.



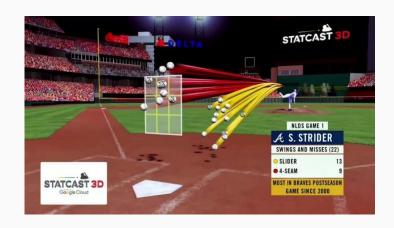




Related Products



Fence Camera Mount for game recording



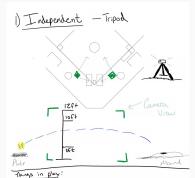
MLB Multi-Camera Pitch System

Market Gap

- Current solutions available for softball tracking cost thousands of dollars
- There are few products that are accessible for ameutur leagues
- Very few products tailored specifically for slow-pitch softball
- No IPhone apps currently exist that analyze illegal slow-pitch softball pitches

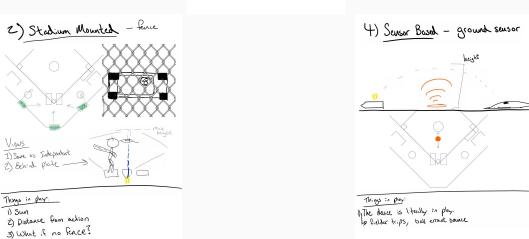


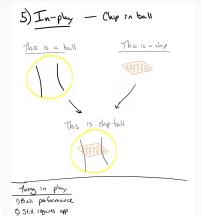
Initial Ideas



Where is the Sun?
Does tripped to callon need to be precise?
Tripped is "in-bounds" for pop-foul balls







3) this breaking on contact

Conclusion

- Currently the problem we are trying to solve does not have an existing solution that is low cost
- Our goal will be to create a low cost version of what the MLB uses for pitch tracking