Follow Through

Helps improve shot mechanics by video analysis and comparison with those of NBA players.

Problem

Basketball players don't have a convenient and reliable way to improve basketball skills, particularly for shooting mechanics. They waste money and time on online programs and scams that just don't work! Many players don't even have access to coaching and other resources.

Solution

A convenient and cheap mobile application that allows ballers to analyze their own shot form, and also compare it with that of professionals through side by side video comparisons. Follow Through gives you immediate feedback for immediate improvement, and let's you learn from the best!
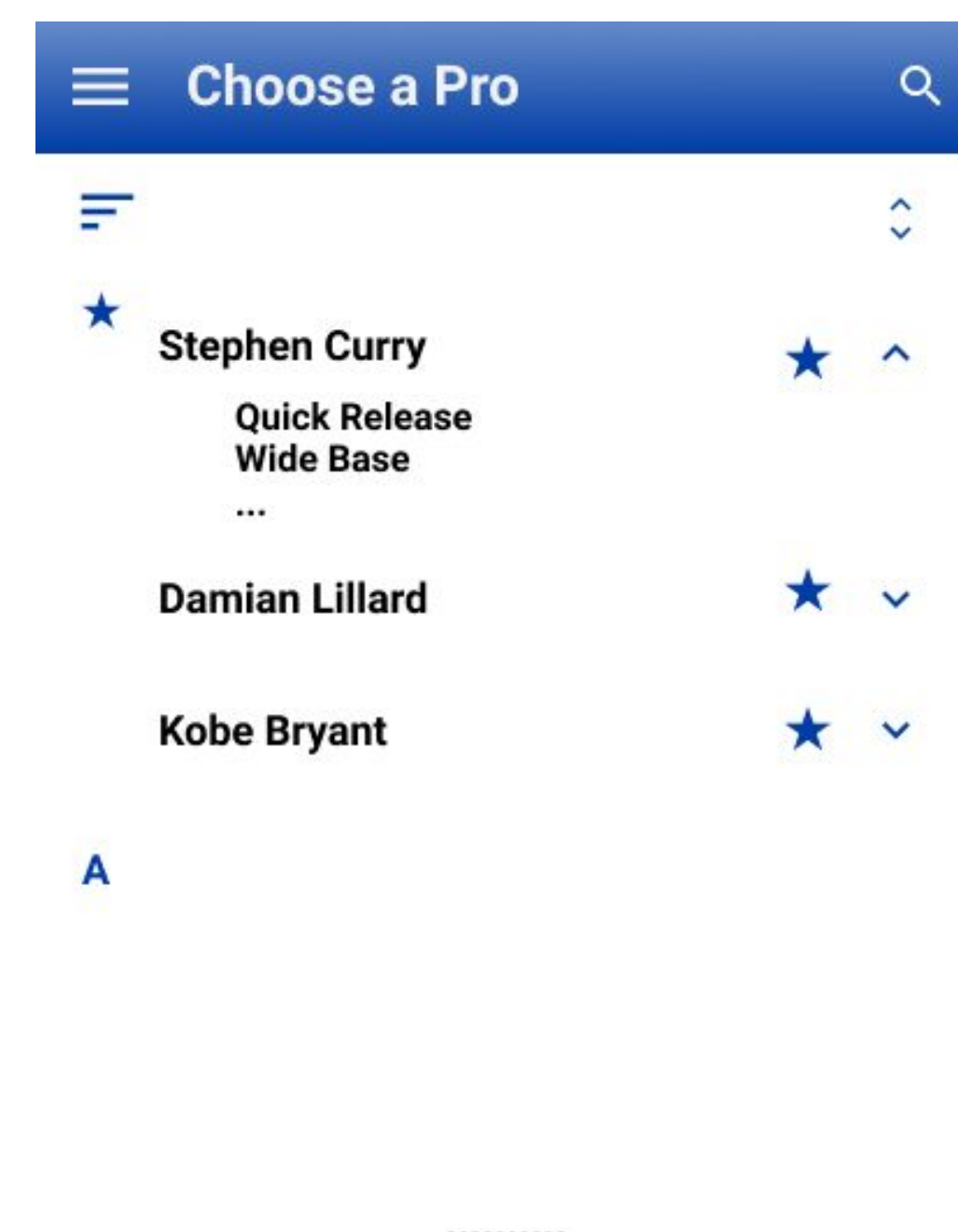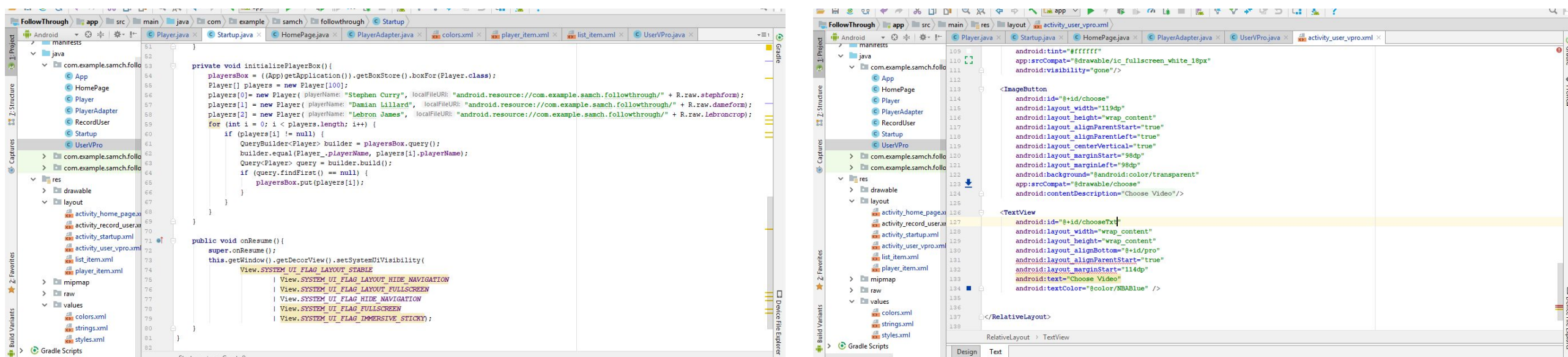
Target Users

1) Dedicated ballers who want to improve
2) Ballers from low-income backgrounds / lack of resources
3) Coaches who use this as a platform for film analysis

Front End

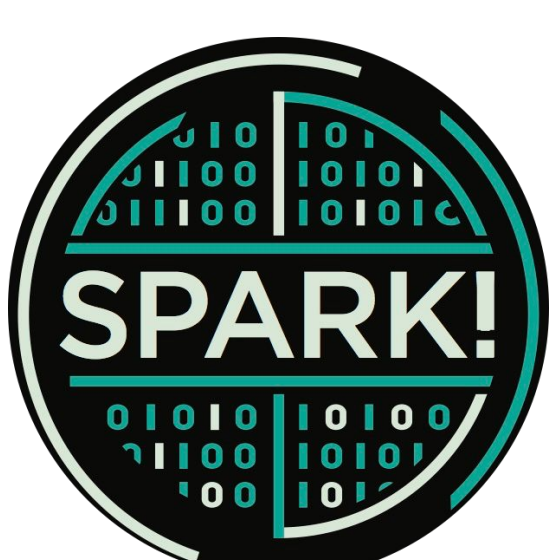**Programming with Java in Android Studio**

Back End

Used ObjectBox for implementing the database of players and videos. It's a modern and easy to use Android Database that's much faster than SQLite, and has a strong support of relations. Instead of the typical SQL tables, it has boxes.

Market Research

I interviewed multiple target customers, including the captain of the BU NCAA Women's team, who explained the importance of video analysis for improving shooting mechanics.

Future

~8 phases for the perfect app for improving in basketball. Some latter phases: creating your own shot; functionality for layups, defensive stances, etc.; guidance system for recording video; mathematical analysis of shots; AR capabilities; combining shot forms of players; foldable tripods. But basketball is just the start! I've essentially created a template that can be used in all other sports, so I believe this product can be the ubiquitous standard for video analysis.

Sameer Chaturvedi, CS '21
"Hold that Follow Through!"