



# BARÇA SCOUT

An AI-Driven Football Talent Recommender System



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# WHAT'S THE IDEA?



- A SMART SCOUTING WEB APP TO FIND PLAYERS WHO FIT BARCELONA'S PLAYSTYLE
- USES MACHINE LEARNING + REACT + MONGODB TO PREDICT & DISPLAY PLAYERS
- VOTING SYSTEM LETS FANS PICK THEIR FAVS
- INSPIRED BY BARÇA'S VISION OF YOUTH, STYLE, AND DATA-DRIVEN PLAY



# FEATURES THAT SCORE GOALS

**AI-POWERED FIT SCORE – PREDICTS  
HOW WELL A PLAYER SUITS BARÇA**

**FAN VOTING – FANS CAN VOTE FOR  
THEIR PREFERRED PLAYERS**

**PLAYER STATS & CHARTS –  
INTERACTIVE UI WITH VISUALS**



**MONGODB INTEGRATION – 50+ REAL  
PLAYER PROFILES STORED &  
FETCHED**

# FROM SCROLL TO SQUAD

## STEP 1: HOME PAGE – THE KICKOFF

- EYE-CATCHING CAMP NOU BACKGROUND
- CARDS OF BARÇA LEGENDS & TROPHIES TO SET THE MOOD



## STEP 2: COMPARE PLAYERS

- CHOOSE ONE BARÇA PLAYER AND ONE FROM ANOTHER TEAM
- VIEW VISUAL CHARTS FOR STATS + FIT PROBABILITY

## STEP 3: BARÇAFITS – VOTE YOUR XI

- FAN-VOTING SYSTEM TO PICK IDEAL TRANSFERS
- EACH PLAYER HAS A VOTE COUNTER, REAL-TIME UPDATES



# FUTURE SCOPE



- **USER ENGAGEMENT:** MORE VOTING FEATURES, PLAYER WATCHLISTS, AND FEEDBACK TOOLS.
- **SCALABILITY:** EXPANDING TO INCLUDE MORE LEAGUES AND HISTORICAL PLAYER DATA.
- **PERSONALIZATION:** TAILORED RECOMMENDATIONS USING ADVANCED FILTERS AND SESSION DATA.
- **DATA INTELLIGENCE:** ENHANCED ML MODELS FOR DEEPER INSIGHTS AND PLAYER FIT PREDICTION.
- **INTERACTIVITY:** REAL-TIME COMPARISONS, DRAG-AND-DROP PLAYER CHARTS, AND LIVE UPDATES.

