

Golf Shot Tracker

Real-Time Tracking and Score Recording





Overview

- This app helps golfers track their shots and analyse their performance in real-time.
- Track distance from the pin using location data
- View shot history and performance breakdown

Key Features

Real-time shot tracking

Instant feedback on distance

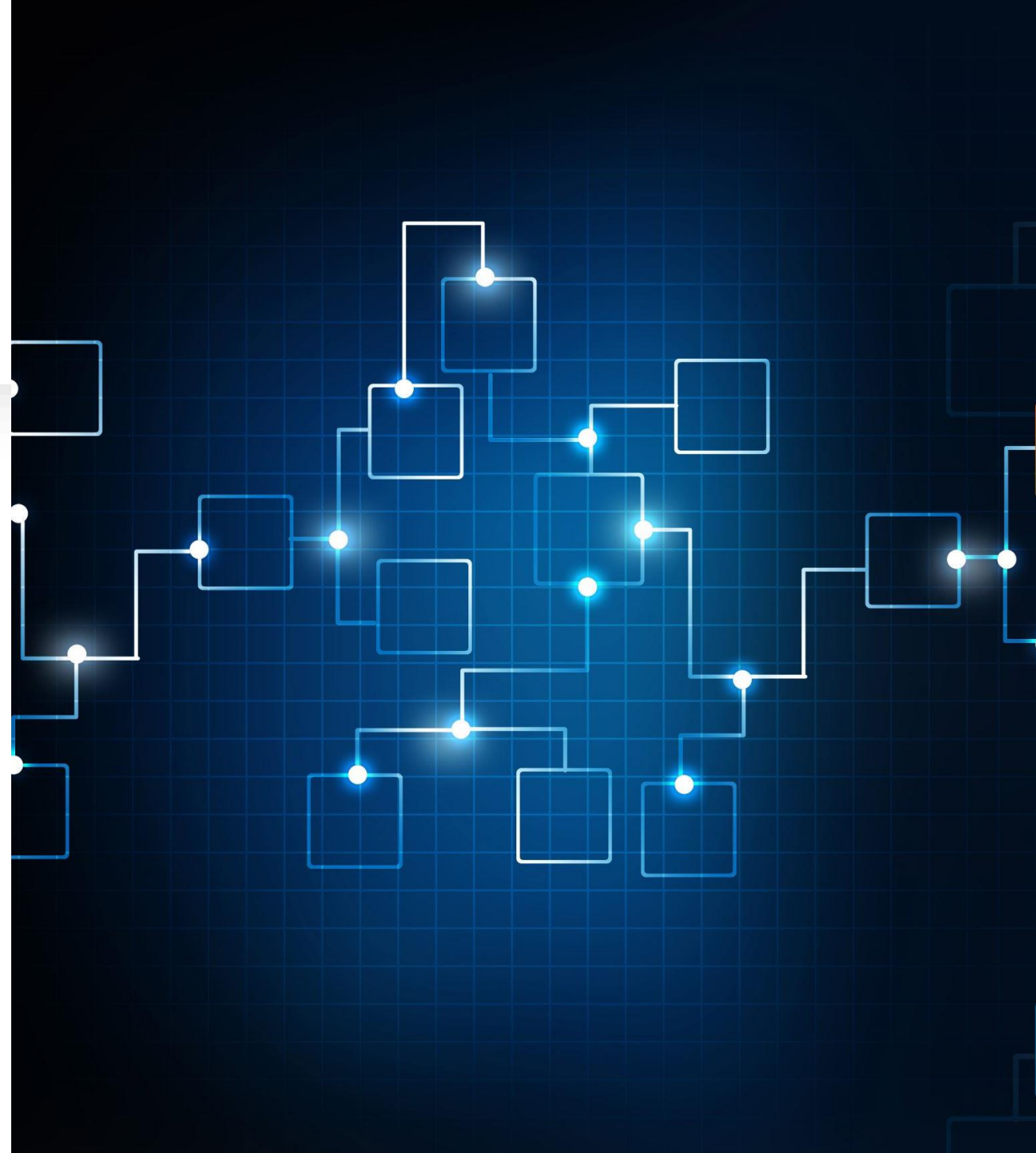
Performance history and analysis

Cross-platform (iOS and Android)

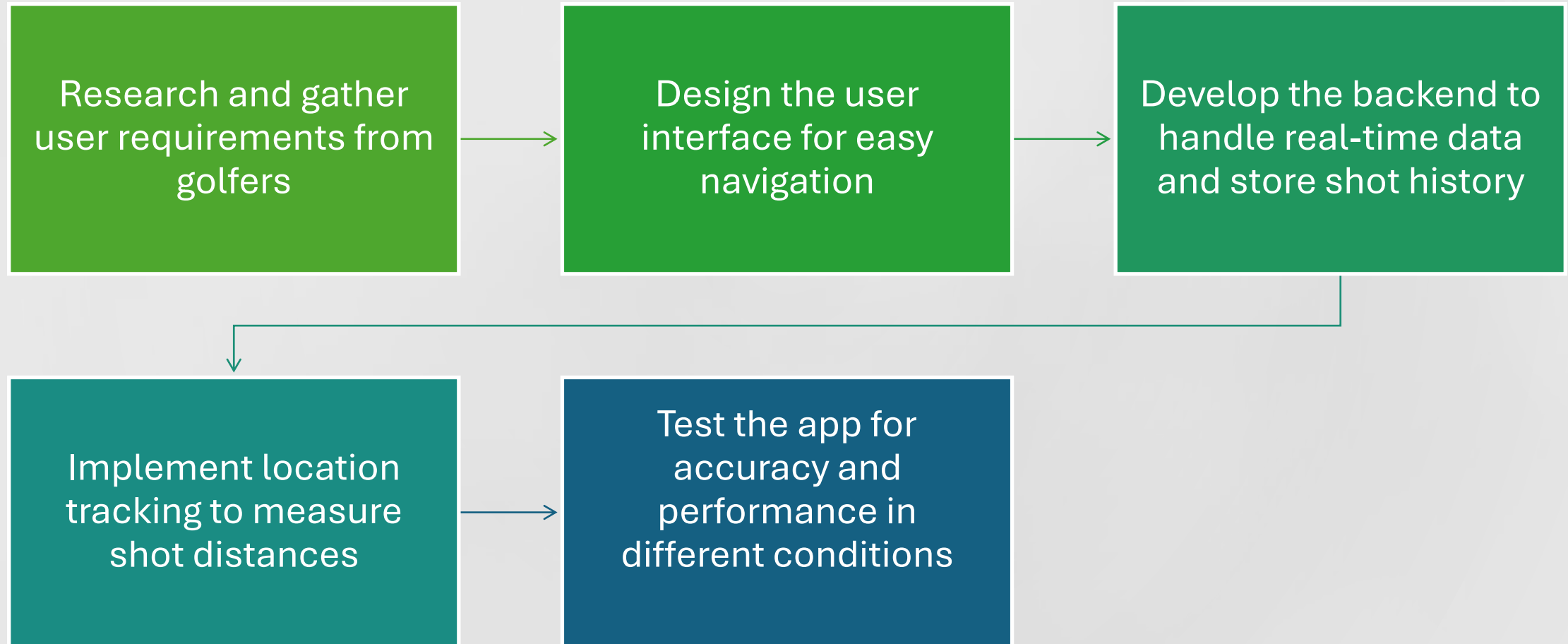
Scorecard

Technology Stack

- **Frontend:** React Native (iOS & Android)
- **Backend:** Node.js, Express
- **Database:** Firebase for real-time storage
- **Location Tracking:** GPS and Google Maps API
- **Model:** TensorFlow (optional for future improvements)



Development Process



Challenges



Ensuring GPS accuracy
for real-time shot
tracking



Optimizing performance
on different mobile
devices



Managing real-time data
without battery drain



Balancing app features
with user simplicity



Future Enhancements

- Adding advanced shot analysis with machine learning
- Providing personalized feedback based on historical data
- Integration with wearable devices for more accurate data

Key Benefits

Instant feedback on shot distance and performance.

Historical shot data for continuous improvement.

Easy-to-use interface, accessible for golfers of all levels.



How the App Works

- **Open the App:** Start a new session.
- **Take a Shot:** The app tracks the distance from the pin using GPS.
- **View Results:** Instantly see shot distance and accuracy on the screen.
- **Review Performance:** Access past shots, track progress over time, and receive suggestions for improvement.



Conclusion

- The Golf Shot Tracker app enhances the golfing experience by providing real-time data, performance tracking, and insights to help players improve their game.