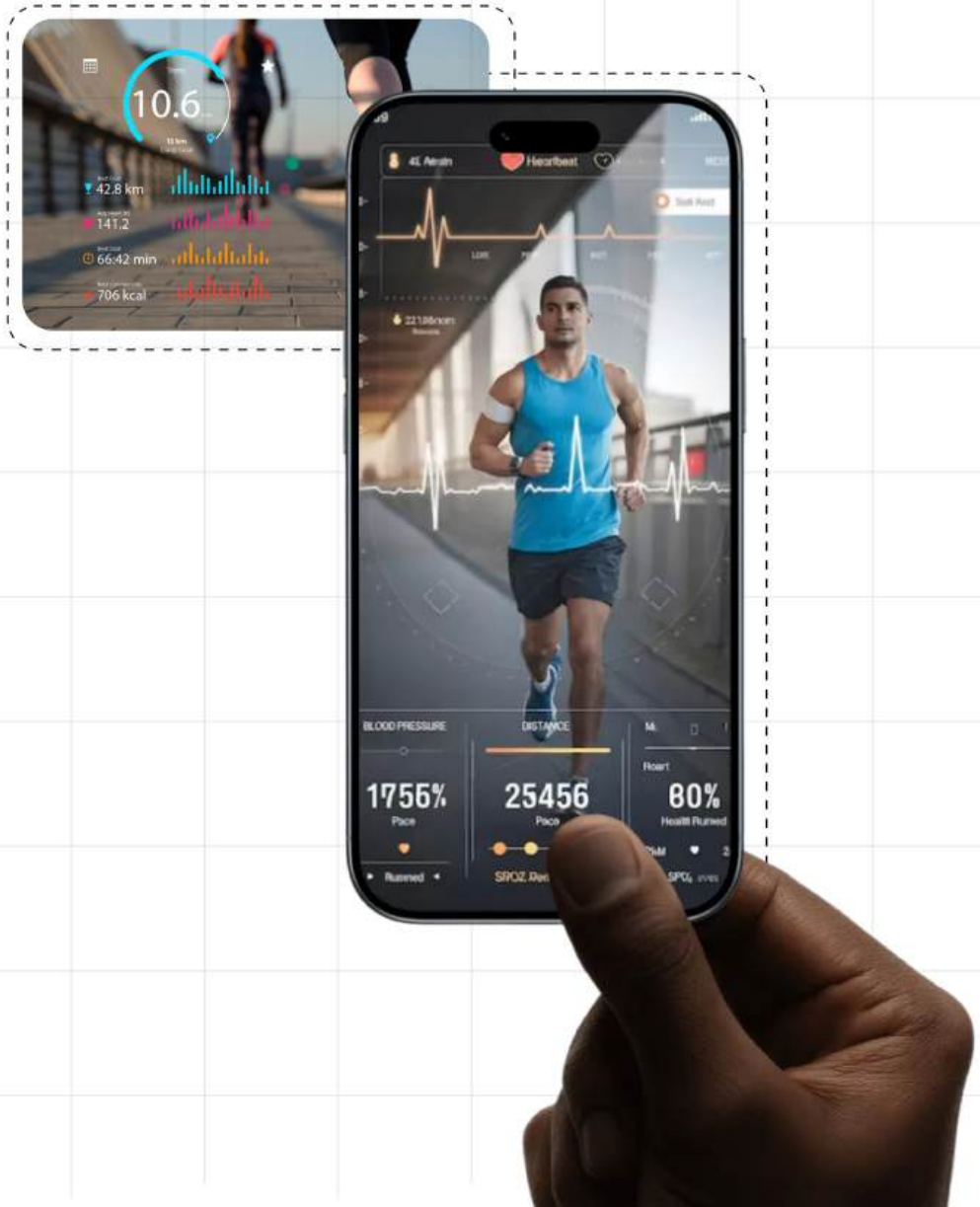
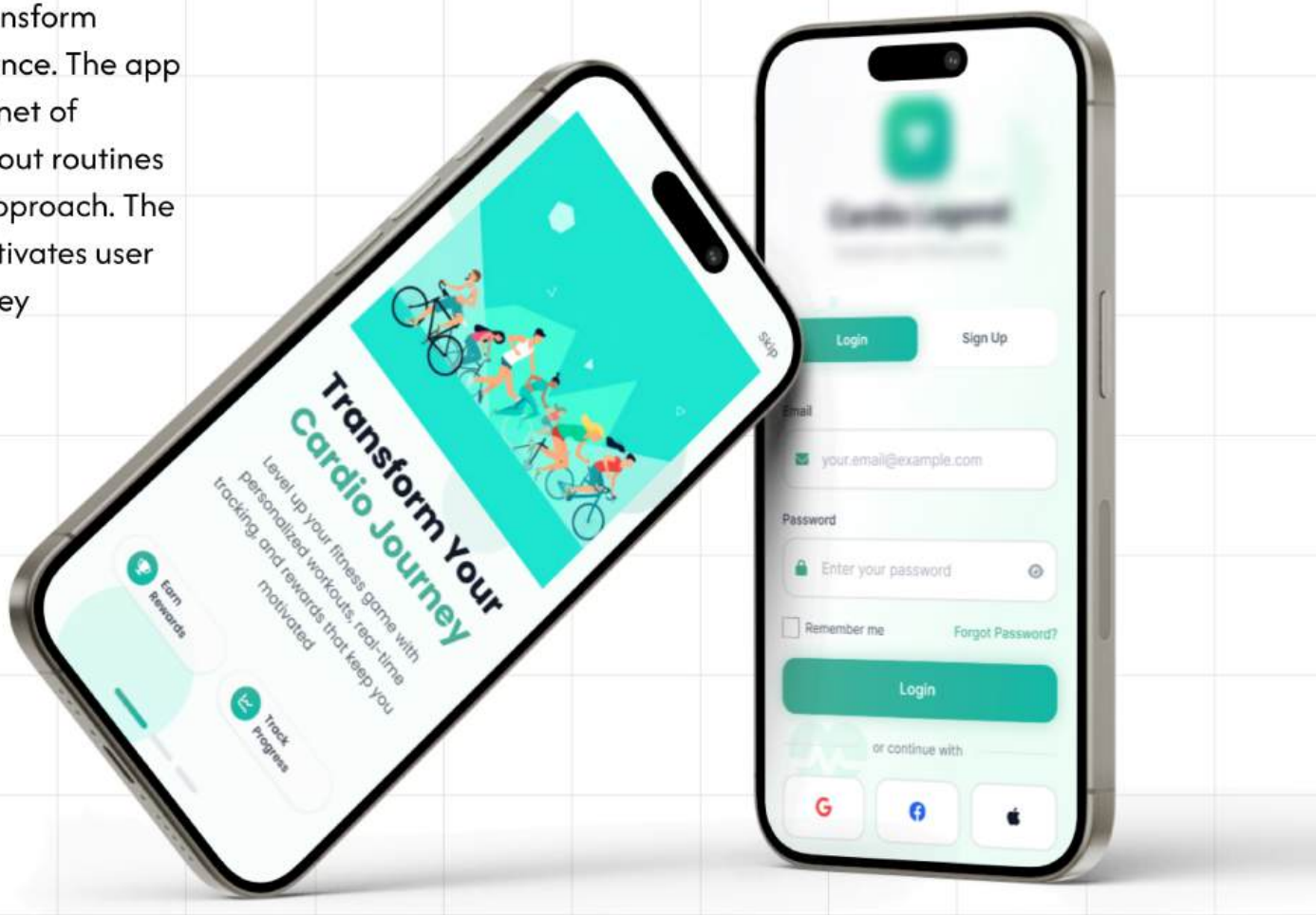
Mirchandani
Technologies

Cardio Legend

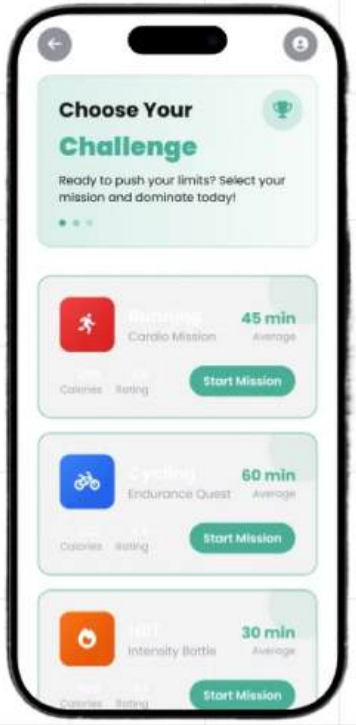
Fitness Application with a Gamified Approach

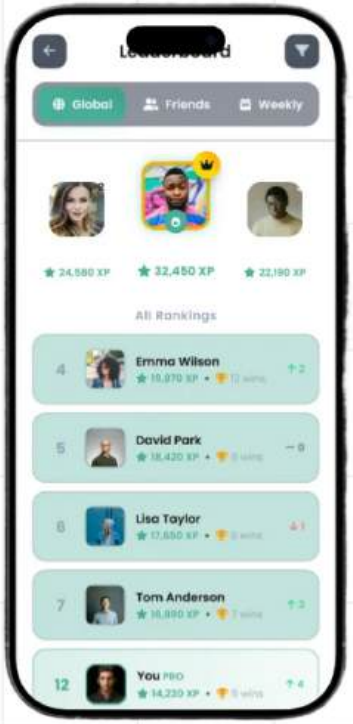


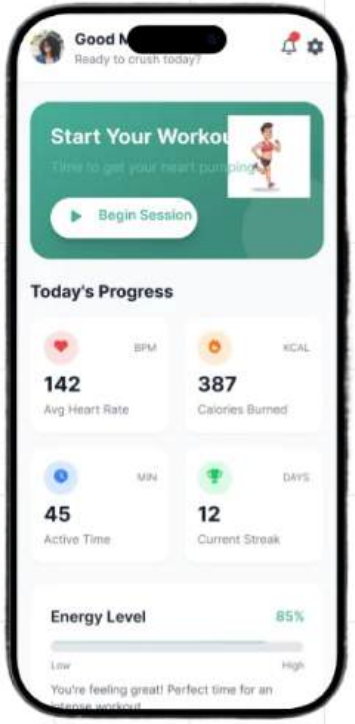
Cardio Legend is an application designed to transform fitness into an engaging and interactive experience. The app leverages Bluetooth Low Energy (BLE) and Internet of Things (IoT) connectivity, enhancing users' workout routines by incorporating a competitive and gamified approach. The app adapts to user's changing interests and motivates user with personalized rewards, making fitness journey enjoyable and rewarding.



Cardio Legend allows users to connect seamlessly with their "Life Fitness" equipment. The app not only facilitates the creation of fitness challenges but also provides real-time connectivity to iPhones, enabling precise live results for these challenges. Users can participate in fun daily fitness competitions with others, adding a competitive edge to their workout routine and earn customized rewards based on their achievements, motivating them to reach their fitness goals.



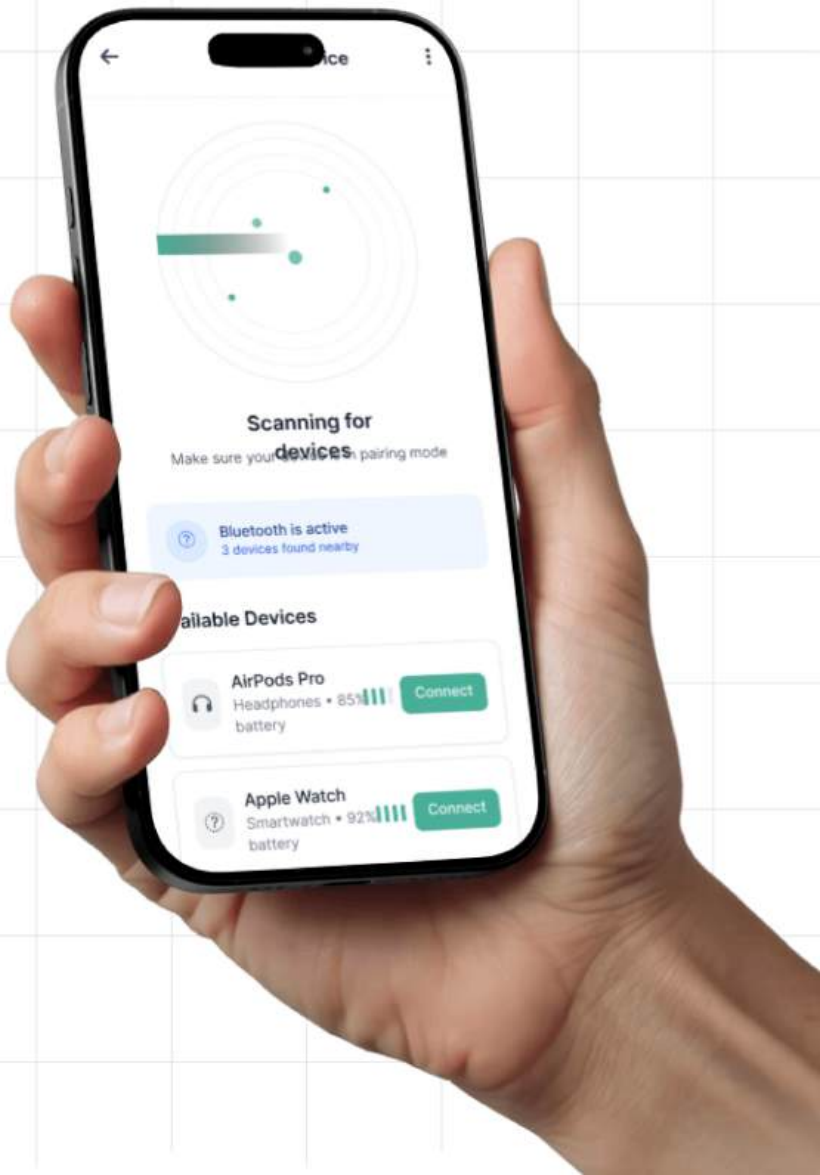




Business Situation

The client initially envisioned an app that would help them and their friends stay fit through challenge-based workouts. Seeing the opportunity to leverage BLE and IoT connectivity with "Life Fitness" equipment, they approached Team Mirchandani for support. The main goal was to perform a detailed feasibility study to establish a strong connection with the fitness machines and enable the retrieval of real-time workout data.

Cardio Legend's user interface is crafted to empower users by providing an intuitive platform to navigate and engage with the app. The integration of BLE technology guarantees smooth communication between the app and "Life Fitness" equipment, significantly improving the overall user experience.



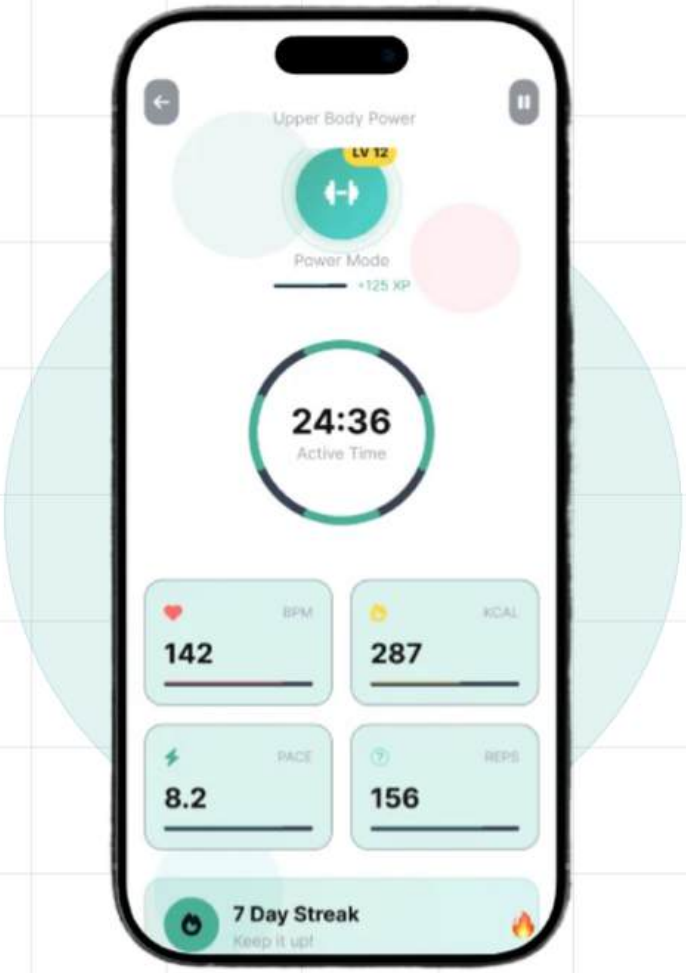
Features

1. User Profiles: Easily create and customize your profile within the app.

2. Social Integration: Connect with friends by adding them on the app, inviting them to join, and accepting friend requests.

3. Challenge Creation: Use various "Life Fitness" equipment to craft engaging fitness challenges.

4. Friendly Competition: Challenge friends and await their acceptance or declination.

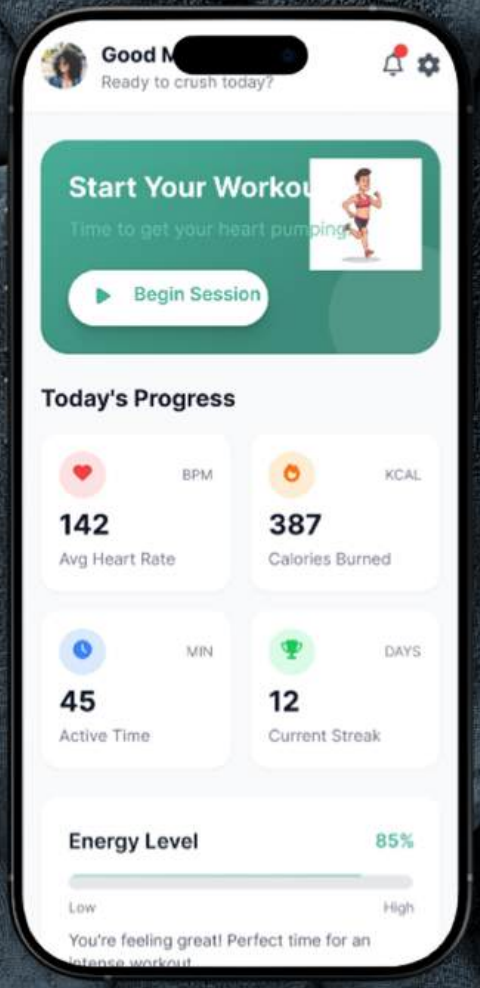


5. IoT Connectivity: Seamlessly connect your iPhone to "Life Fitness" equipment via Bluetooth

6. Live Results: Witness live workout results directly within the app, shareable on social media platforms.

7. Community Engagement: Interact with friends by commenting on their profiles or specific challenges.

8. Challenge Overview: Easily access lists of active, past, pending, won, and lost challenges, along with a winning percentage


Good M
Ready to crush today?
Start Your Workou
Time to get your heart pumping
Begin Session
Today's Progress
BPM
142
Avg Heart Rate
KCAL
387
Calories Burned
MIN
45
Active Time
DAYS
12
Current Streak
Energy Level
85%
Low
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