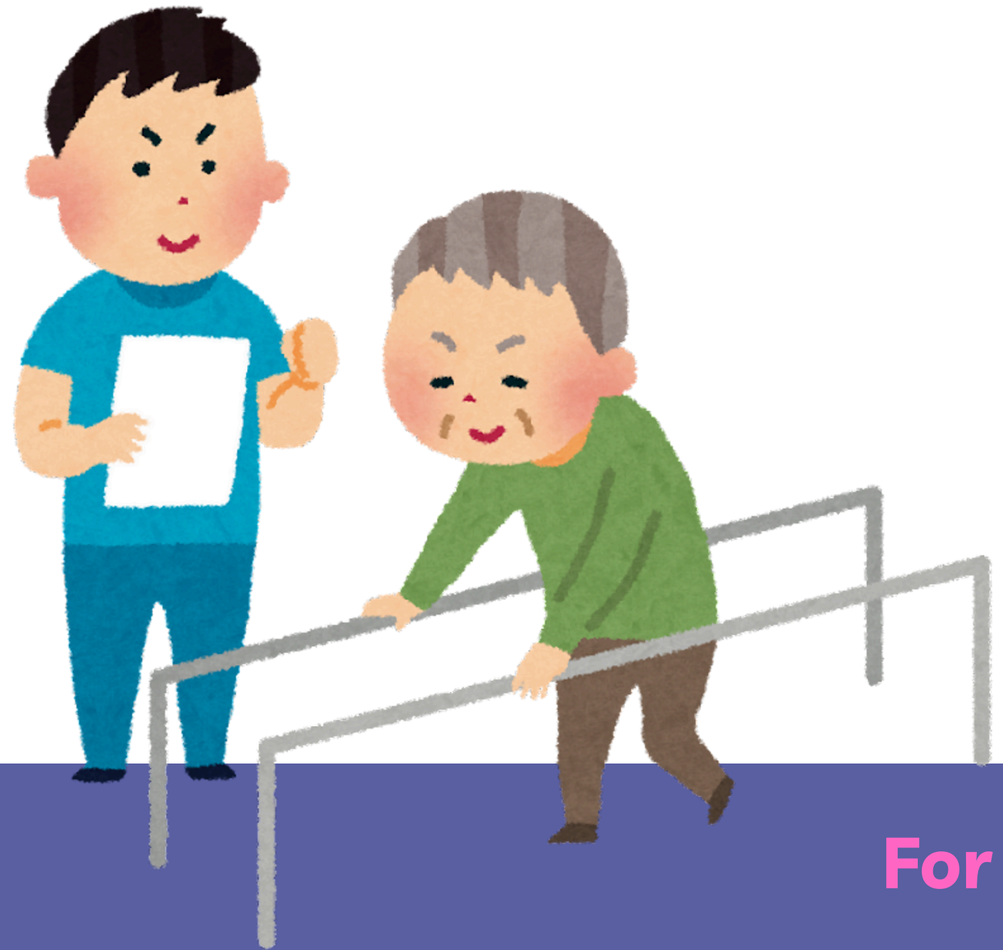
RehabLab

A TRANSFORMATIVE SOLUTION FOR RECOVERY

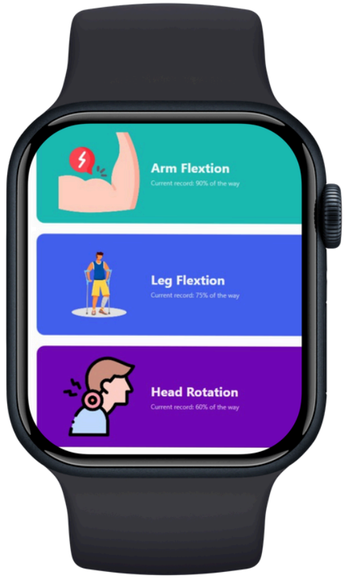


Team 3

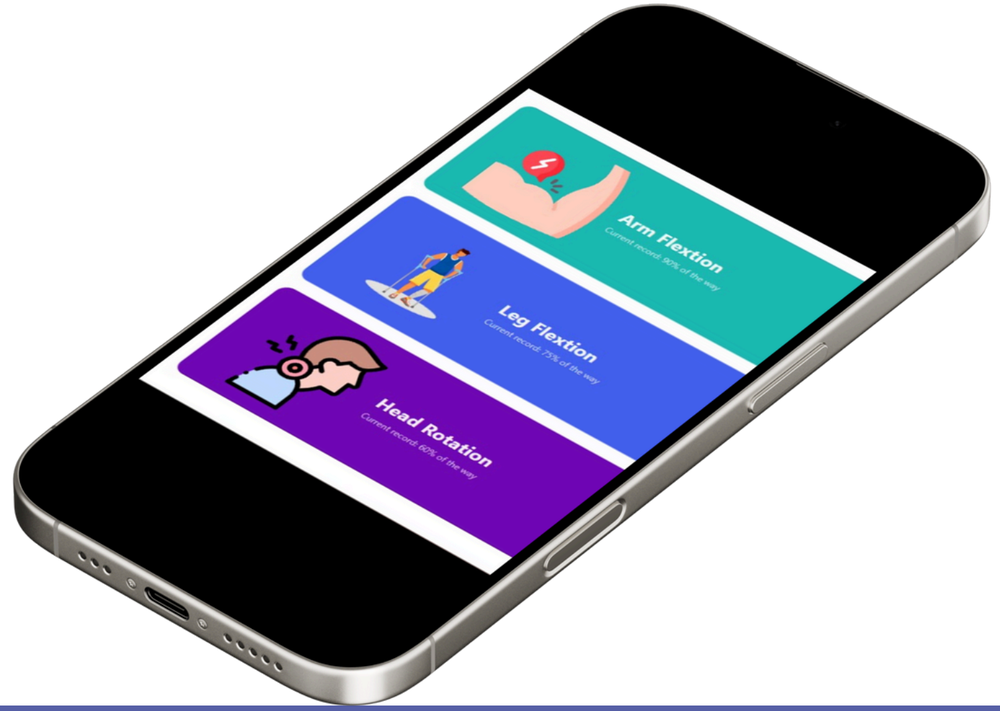
For Dr. Riham Rasheed

Your Recovery, Smarter and Stronger.

Wearable technology designed to ensure proper movement and reduce injury risk



Tracks progress to make recovery more engaging and effective



The Challenges People Face

Lack of access to physical therapists.

No tools for measuring recovery progress.

Loss of motivation during rehabilitation.

Why We Built RehabLab

How Was the Product Chosen

- The product was chosen based on market demand for affordable and accessible rehabilitation solutions, especially in underserved areas.
- An analysis of existing gaps, like the absence of quantitative progress tracking tools, informed its development.

What is Marketing Requirements?

Focus Area

- Egypt’s healthcare wearable market valued at **$20M** in 2024 with 10% annual growth.
- Targeting rehabilitation devices with **15% yearly growth**

Expansion Plan

Middle East and Africa markets for broader reach

Unlocking Market Potential

- **$7M** rehabilitation-specific market segment in Egypt.
- Growth potential in underserved rural areas.

Who Benefits From RehabLab?

Patients recovering from injuries or surgeries.

Healthcare providers in rural and urban areas.

Hospitals, rehab centers, fitness facilities.

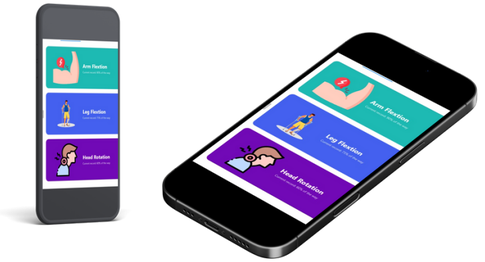
Strategy for Outreach

- Build partnerships with healthcare providers
- Offer affordable solutions with wide availability.
- Use testimonials and success stories to build trust.

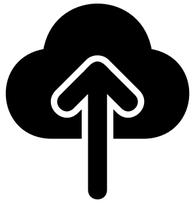
What Makes RehabLab Functional?

Lightweight wearable with advanced sensors for accurate data collection.

Mobile app for real-time data visualization and user interaction.



Cloud-based tracking for secure data storage and alerts.

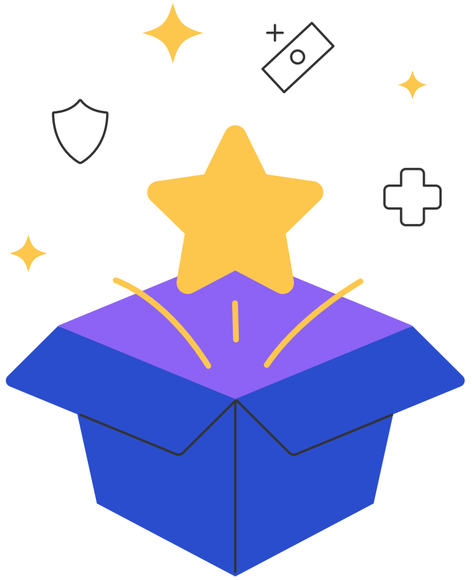


Goals for Our First Product

- **Provide precise recovery tracking.**

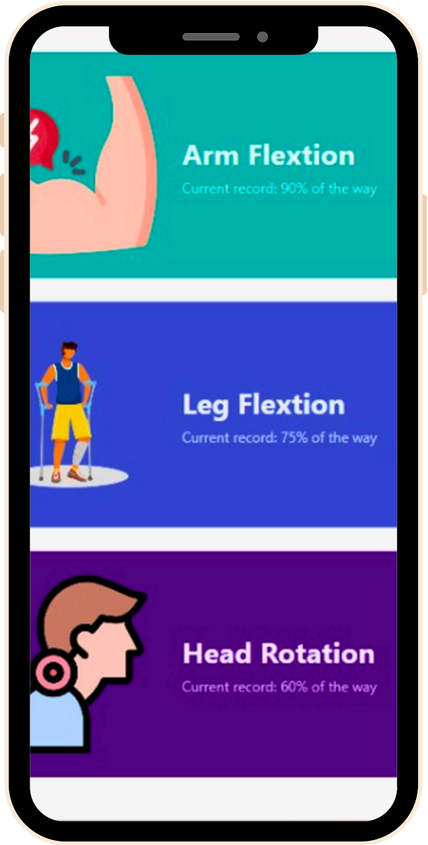
- **Develop a user-friendly app for rehab plans.**

- **Incorporate customizable features**



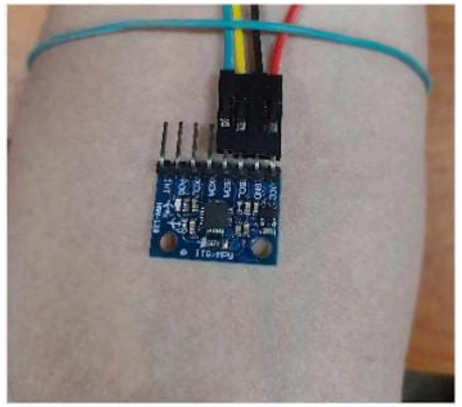
User Journey:

1. Log into the mobile app.

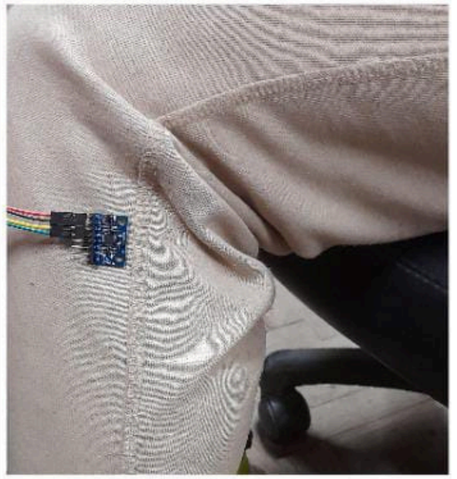


User Journey:

2. Set up wearable sensors.



Arm Sensor



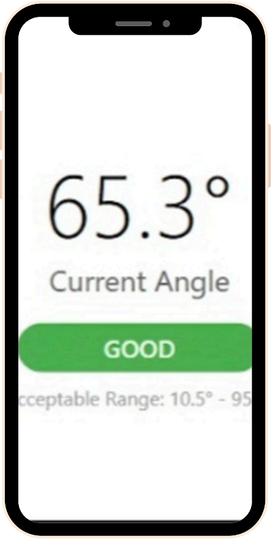
Leg Sensor

User Journey:

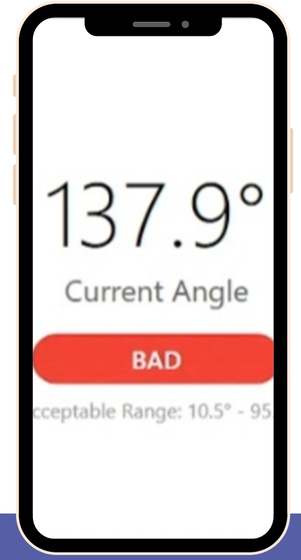
3. Follow guided exercises with real-time alerts. Track progress visually and adjust plans.

The Normal Range is
10.5°-95.6°

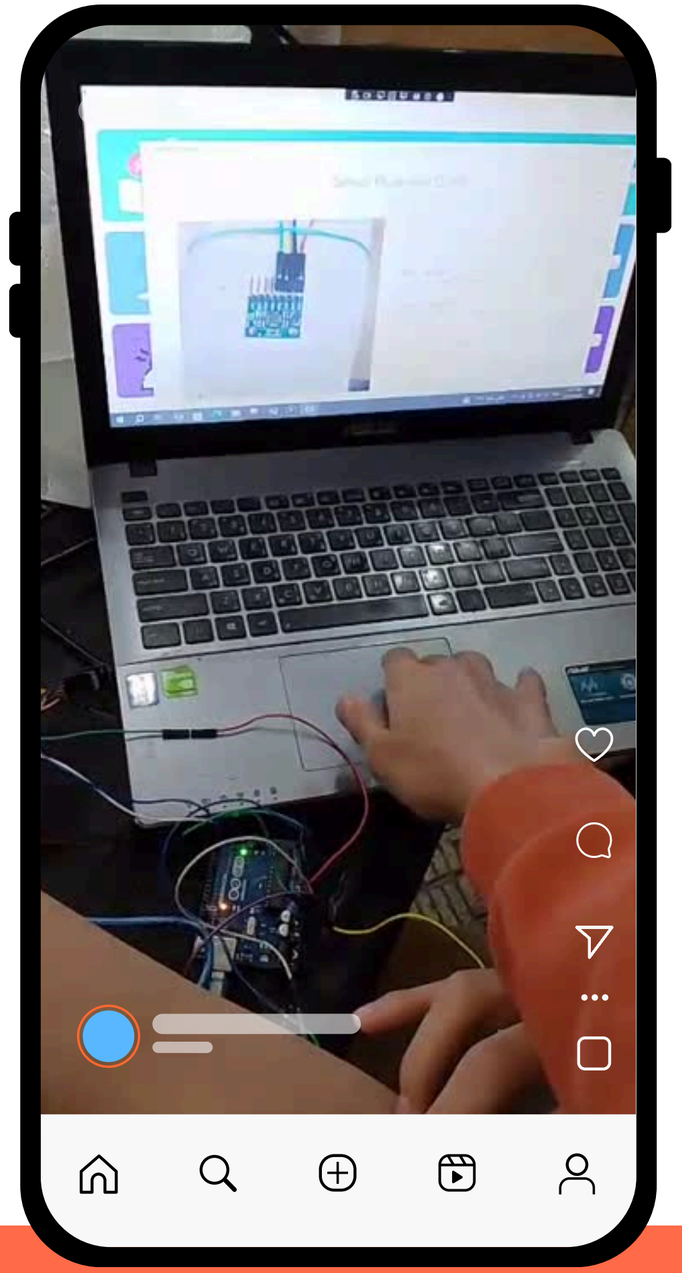
If the angle is in the normal range, good progress will be shown



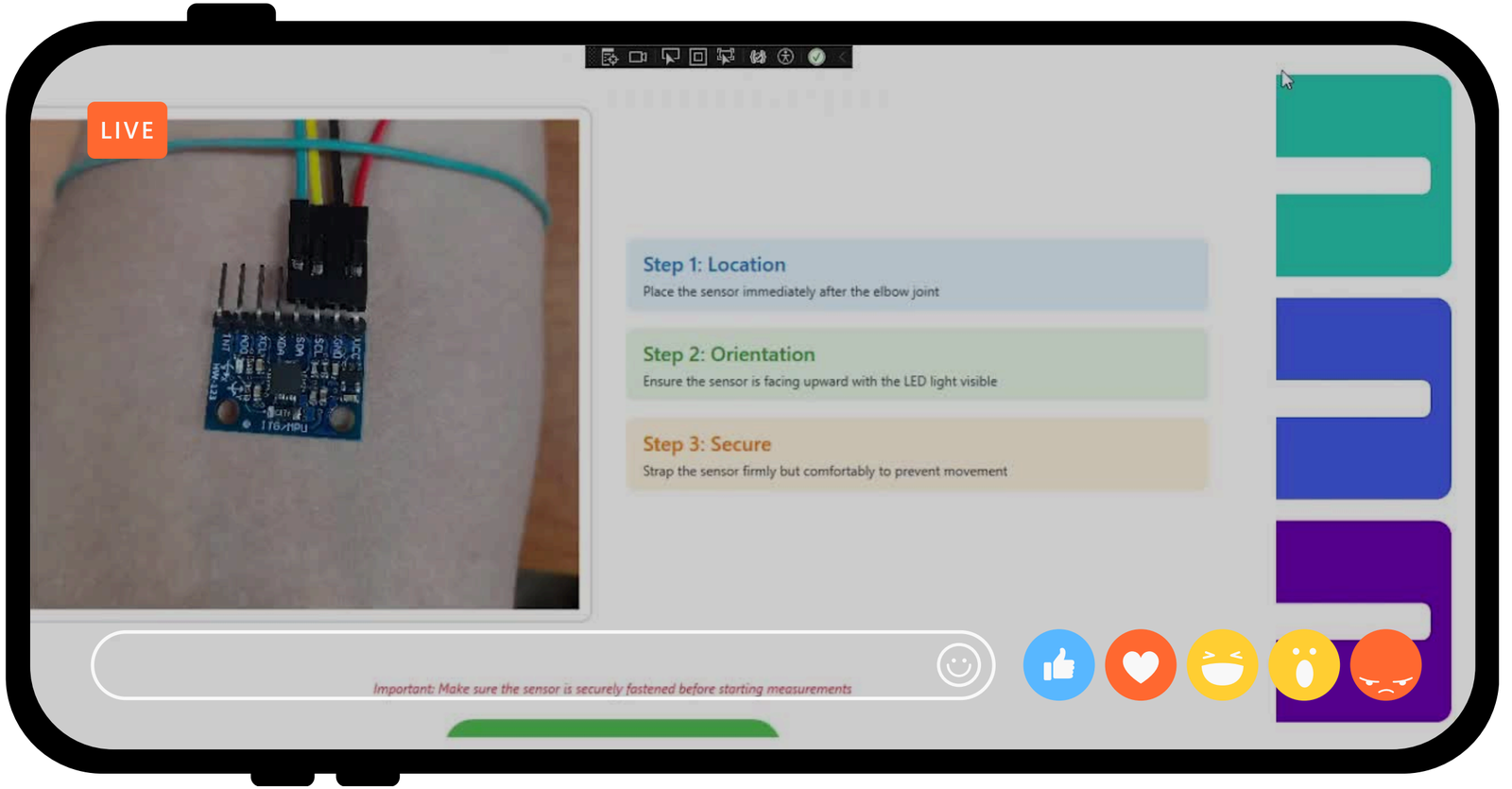
If the angle goes outside the normal range, bad progress will appear



Video Demonstration



Mobile App


LIVE
Step 1: Location
Place the sensor immediately after the elbow joint
Step 2: Orientation
Ensure the sensor is facing upward with the LED light visible
Step 3: Secure
Strap the sensor firmly but comfortably to prevent movement
Important: Make sure the sensor is securely fastened before starting measurements

At Last!

We value everyone’s opinion on our product, and if you have any suggestions to help us improve it, we would greatly appreciate it. Here is a QR code you can scan to share your feedback. Thank you in advance!

Thank you!