

#### Client

- Health insurance companies

#### Need Statement

- People with hand disabilities and injuries face challenges in attending physical therapy sessions multiple times a week during their period of recovery due to the demands of their lives. This will slow or reverse recovery progress if sessions are insufficient or missed.

#### Goal Statement

- We aim to address this by providing a device that allows clients to perform their exercises at home, reducing in-person visits. Our goal is to make rehabilitation more convenient, accessible, and efficient, enabling clients to have more control over their recovery

#### Design Objectives in Words

- We aim to reduce physical therapy visits up to 50%, subsequently reducing insurance costs

#### Design Objectives as Quantified Table

Design objective	Unit	Target/Range
Visits	Number of visits	10%-50% less
Device cost	dollars	>\$1440
Accessibility		
Weight		