STEREOGNOSIS AND MIRROR THERAPY

Hannah Tadic

STROKE PATIENTS CAN HAVE IMPAIRED STEREOGNOSIS

Stereognosis: The ability to feel and recognize what the hand grasps through integrating a variety of sensory modalities (Gaubert & Mockett, 2000).

In stroke patients, 39% will present with impaired stereognosis (Connell et al., 2008).

(Onlinemedicalvideo, 2010)

RATIONALE

❑ 1 in 2 stroke patients will experience somatosensory impairments

❑ Somatosensory impairment is associated with reduced activity participation

❑ Mirror Therapy (MT) shows sensory improvements

❑ Limited evidence on measures of stereognosis and using MT in isolation

(Arya et al., 2018 ; Carey et al., 2018; Tashiro et al., 2019)

MEET OUR RESEARCH TEAM

Hannah Tadic
Head Researcher

Steve Harrington
Research Assistant

Joyce Byers
Primary Data Collector

Jane "El" Hopper
Secondary Data Collector

SUBJECTS

Diane, Jackie, and Kim are all 42 year old females diagnosed with chronic stroke. They all have sensory deficits in their hand post-stroke
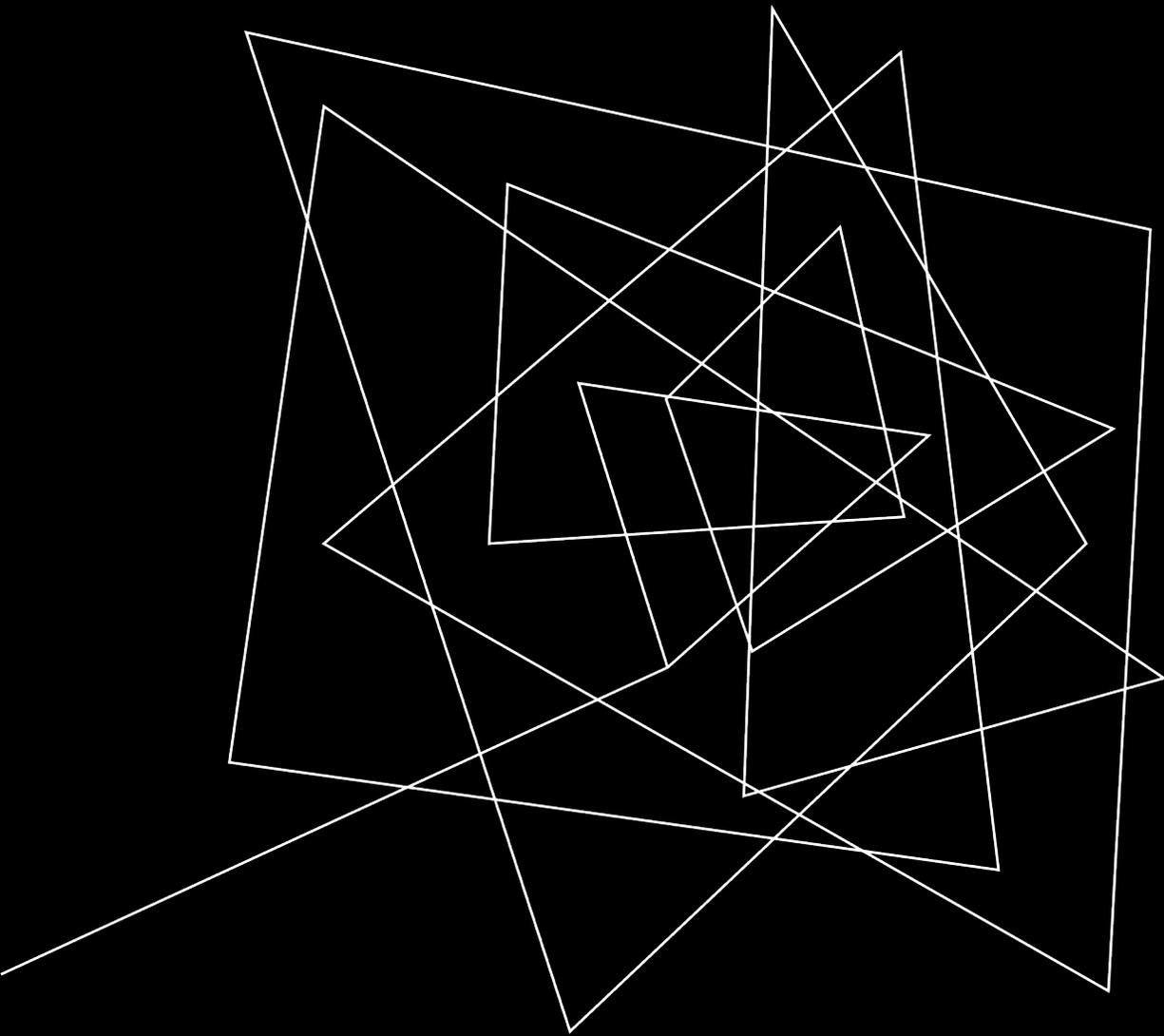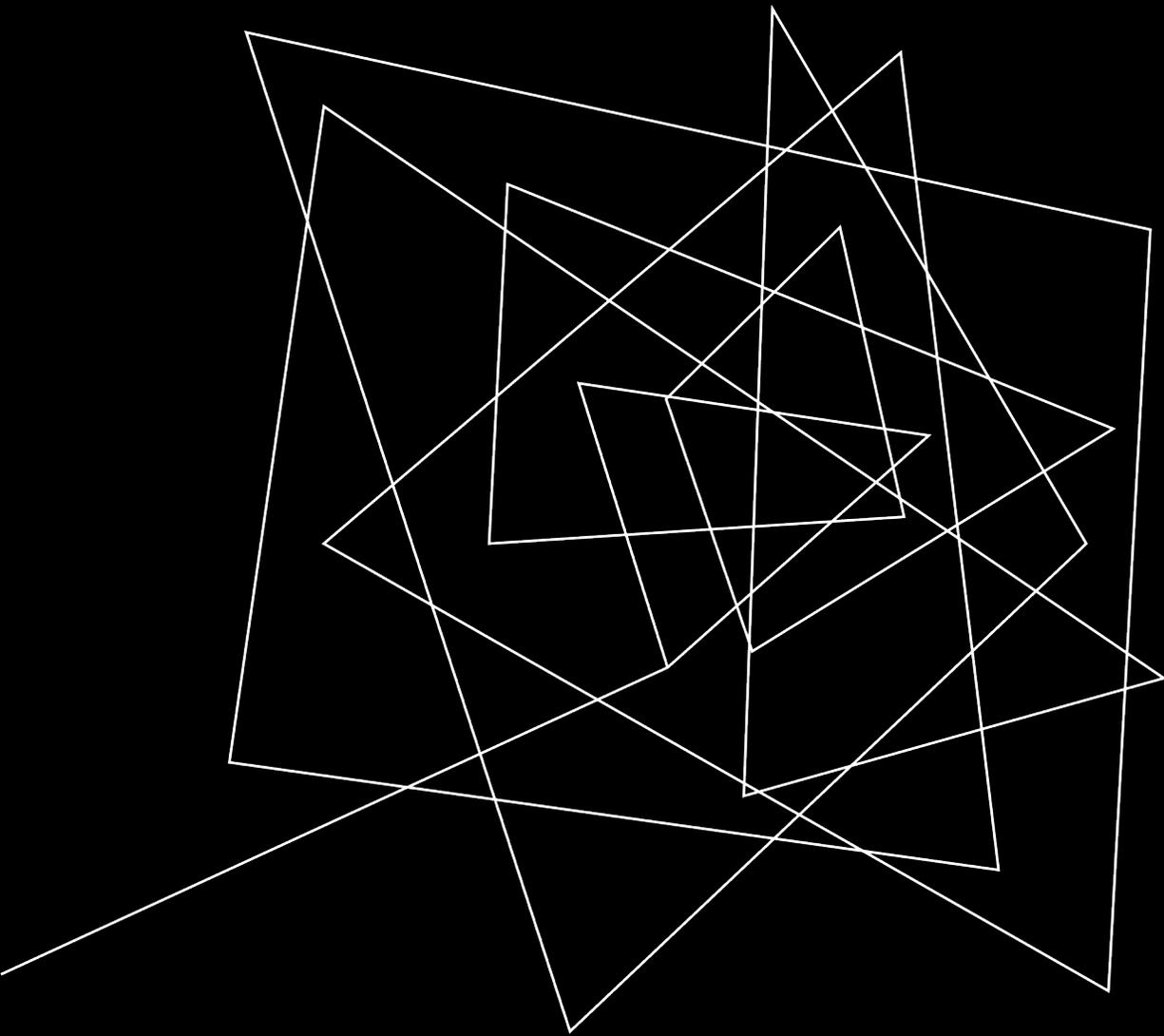

Diane

Jackie
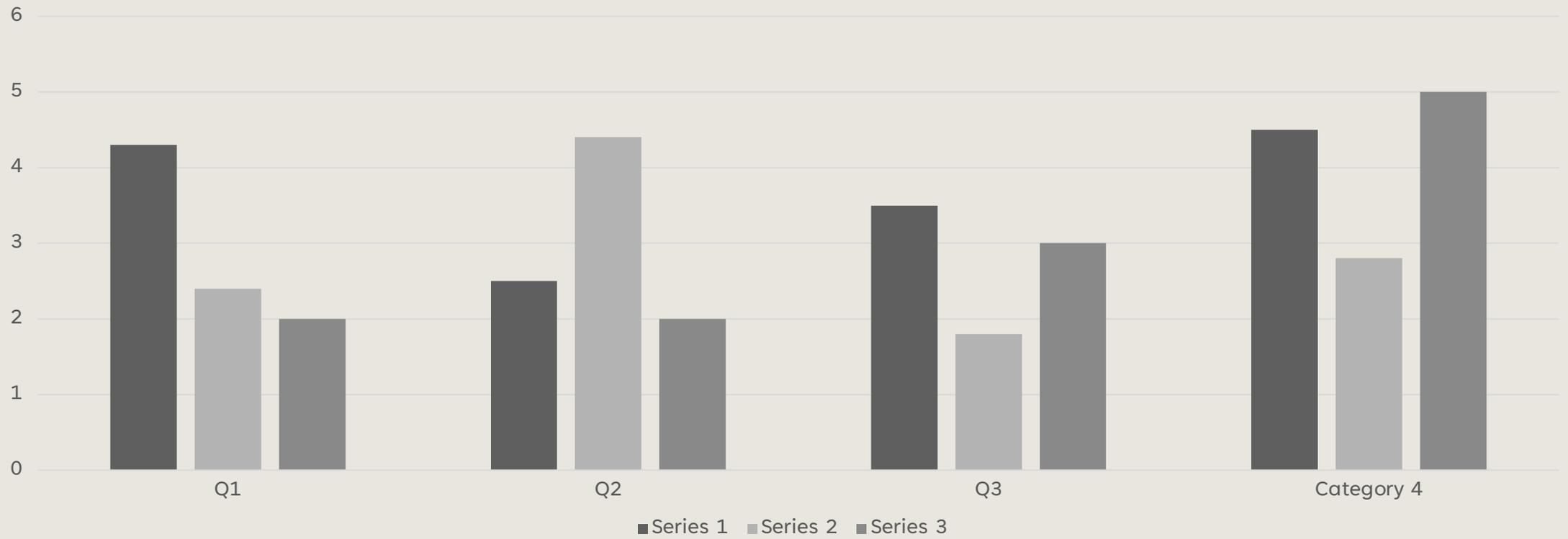

Kim

SETTING: OUTPATIENT

DESIGN:
MULTIPLE
BASELINE

IV: MIRROR THERAPY

PRIMARY GOALS

Annual revenue growth

QUARTERLY PERFORMANCE

AREAS OF GROWTH

	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4
Q1	4.5	2.3	1.7	5.0
Q2	3.2	5.1	4.4	3.0
Q3	2.1	1.7	2.5	2.8
Q4	4.5	2.2	1.7	7.0

PLAN FOR PRODUCT LAUNCH

PLANNING	MARKETING	DESIGN	STRATEGY	LAUNCH
Synergize scalable e-commerce	Disseminate standardized metrics	Coordinate e-business applications	Foster holistically superior methodologies	Deploy strategic networks with compelling e-business needs

Q1 ——————— Synergize scalable e-commerce

Q2 ——————— Coordinate e-business applications

Q3 ——————— Deploy strategic networks with compelling e-business needs

Q4 ——————— Disseminate standardized metrics

TIMELINE

AREAS OF FOCUS

B2B MARKET SCENARIOS

Develop winning strategies to keep ahead of the competition
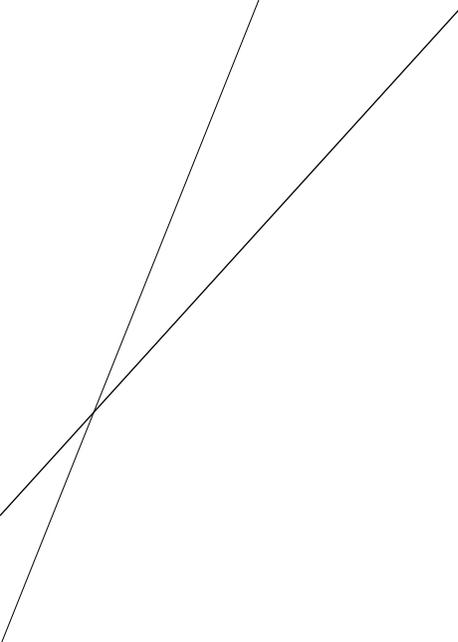
Capitalize on low hanging fruit to identify a ballpark value

Visualize customer directed convergence

CLOUD-BASED OPPORTUNITIES

Iterative approaches to corporate strategy

Establish a management framework from the inside

HOW WE GET THERE

ROI

Envision multimedia-based expertise and cross-media growth strategies

Engage worldwide methodologies with web-enabled technologies
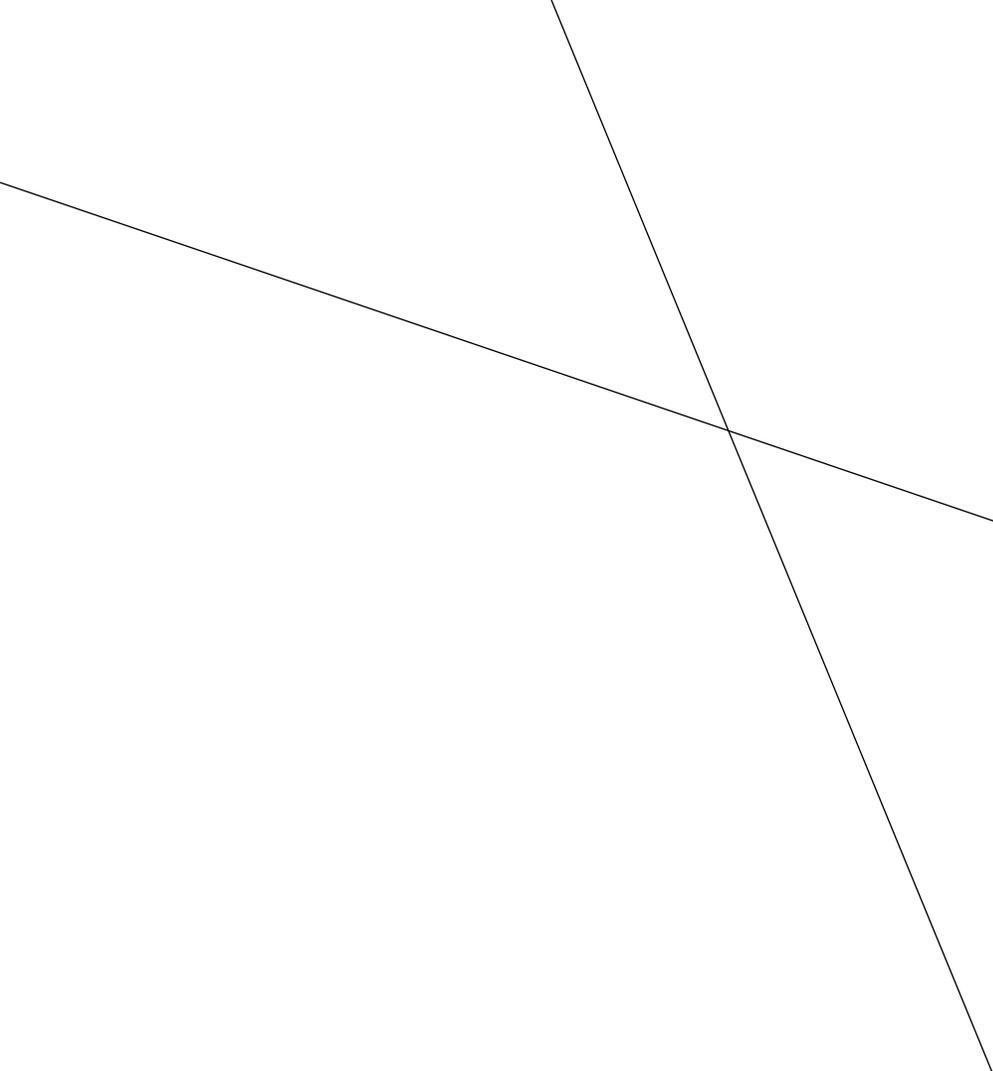
NICHE MARKETS

Pursue scalable customer service through sustainable strategies

Engage top-line web services with cutting-edge deliverables

SUPPLY CHAINS

Cultivate one-to-one customer service with robust ideas

Maximize timely deliverables for real-time schemas

SUMMARY

At Contoso, we believe in giving 110%. By using our next-generation data architecture, we help organizations virtually manage agile workflows. We thrive because of our market knowledge and great team behind our product. As our CEO says, "Efficiencies will come from proactively transforming how we do business."

THANK YOU

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