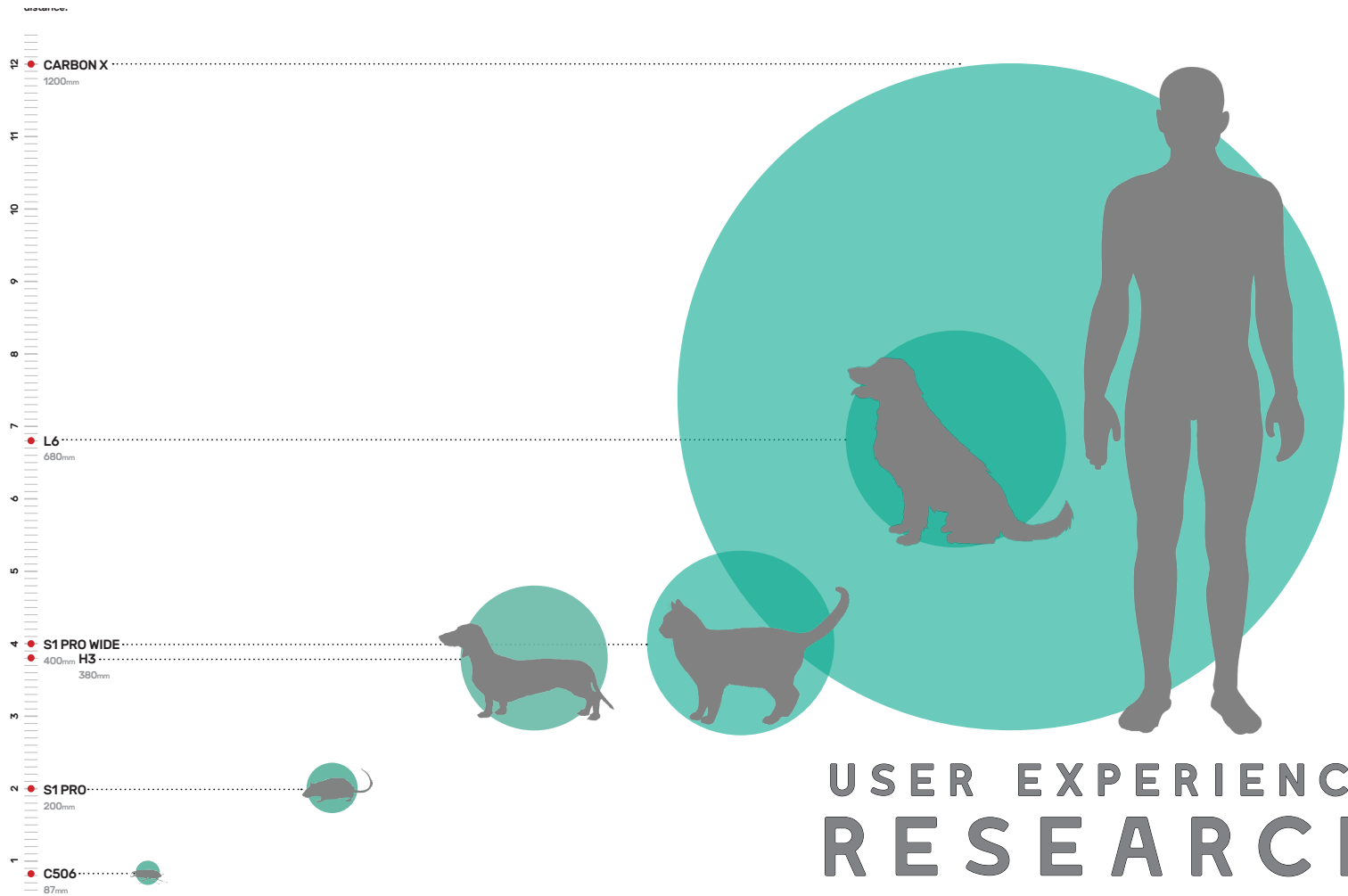


POLYGA 3D SCANNERS

DOCUMENTATION

S5 MACRO



USER EXPERIENCE
RESEARCH
VERSION 1.01 BY ACE LE DESIGN © 2024

CONTENTS

SECTION

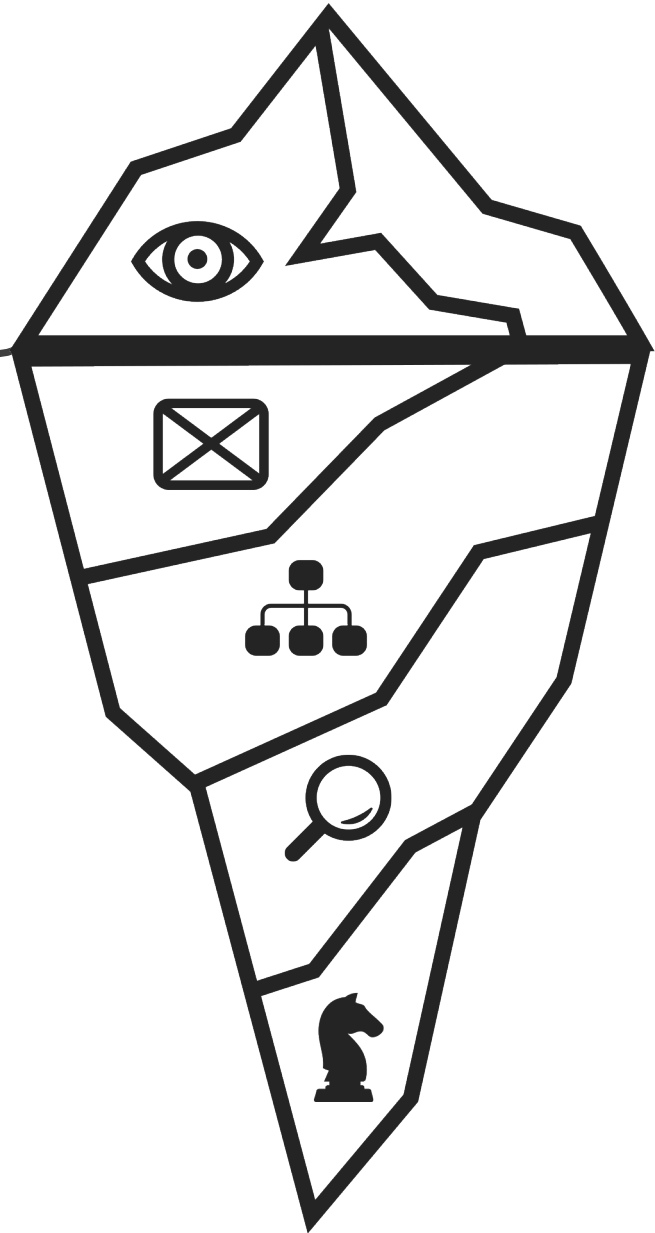
5 SURFACE
Hi-Fi Prototype/Mock-Up
Design System/Style Guide

4 SKELETON
Lo-Fi Prototype/Wire-Frame
Menu Design/Information Architecture

3 STRUCTURE
User Journey Map/User Flow
Site-Map

2 SCOPE
Competitive Analysis
User Story/Scenario

1 STRATEGY
User Persona/Best Fit Customer
User Journey Map
Goals & Expectations



UI/UX ICEBERG



SECTION I STRATEGY

SECTION I

USER PERSONAS | USER JOURNEY MAPS

GOALS & EXPECTATIONS

1

IDEAL CUSTOMER

User Persona/User Journey
Goals & Expectations

MARK LEE

Support Engineer
34



2

BEST FIT CUSTOMER

User Persona/User Journey
Goals & Expectations

BEN KIM

Lead Engineer
42



3

PERSONA 3

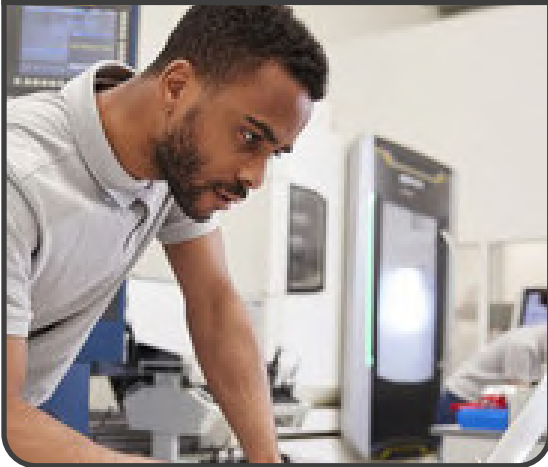
User Persona/User Journey
Goals & Expectations

RICHARD M.

Procurement Manager
46



MARK LEE | IDEAL CUSTOMER



PERSONA 1

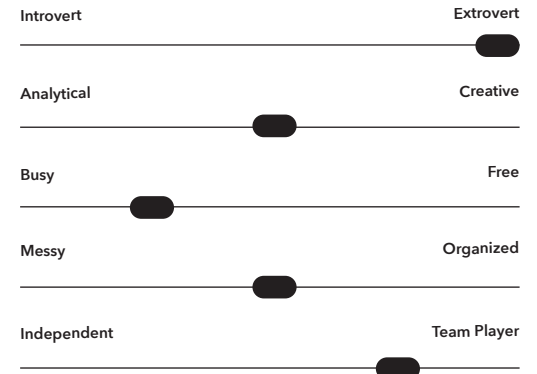
MECHATRONICS ENGINEER

"I think additive manufacturing will kickstart industry 4.0." - Mark Lee

FAVORITE BRANDS



PERSONALITY



DEMOGRAPHICS

- 34 Years Old
- \$60 - 70K
- Chicago IL, United States
- Support Engineer
- Married With 1 Child
- Bachelors of Mechatronics
- Archetype: The Outlaw/Influencer

BIOGRAPHY

Mark is a proud support engineer of 2 years working at his dream job at a research & development lab. He spends his free time playing with his Apple AR headset, PS5 or working on his YouTube channel. His work days mostly involve troubleshooting technical issues with stakeholders; and supports research and development work.

MOTIVATIONS

- Impress Colleagues
- Further Career
- Make Work Easier
- Professional Credibility
- Convenience
- Social Media Attention

GOALS

- Mark needs approval for a 3D scanner so he can improve his workflow and impress his colleagues.
- He needs information about the top 3D Scanners.

CHANNELS

- | | | | |
|----------------------|-----|-----|-----|
| Iphone 15 Pro | 78% | | |
| Macbook Pro Sonoma | 22% | | |
| 45% | 35% | 19% | 11% |

ACTIVITIES

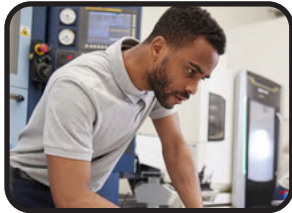
- AR/VR
- Youtube
- Auto Repair
- Video Games
- Self Care
- Videography

FRUSTRATIONS

- Dislikes low Quality or badly designed products.
- Dislikes lack of resources or material.
- Dislikes targeted ads.

USER JOURNEY 1

MARK LEE



USER SCENARIO

Mark is a proud mechatronics engineer of 2 years working at his dream job at Samsung in the research & development department.

GOALS & EXPECTATIONS

Mark is an engineer who juggles many duties. His goal is to get a new 3D scanner to streamline his R&D workflow. He wants something that is slick, reliable and easy-to-use while not costing a fortune. He's looking for quality and reliability.

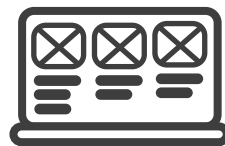
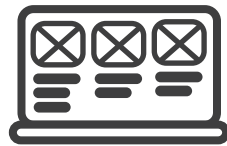
BEFORE WORK

MORNING WORKDAY

AFTERNOON WORKDAY

AFTER

DOING



Mark speaks to the department manager about the need for a new 3D Scanner

Mark searches 3D scanners and brands on his laptop.

Mark chooses a 3D Scanner he likes and puts together a purchase order for his boss.

Mark sees a Call-to-Action button and calls the 3D scanner sales department.

Mark gets approval from his department manager about the 3D scanner purchase.

Mark is so excited about his new 3D scanner and posts on his social + channel.

THINKING

- Remember to ask about the budget.
- Remember to specify the need for a scanner.
- I hope I get approval for this purchase.

- The top 3D Scanners should be on the front page and the rest are probably not as good.
- Remember to read about warranties.
- Avoid chinese made products if possible.

- I like this Scanner it's expensive but is made in Canada and has great documentation.
- The warranty and support looks great.
- I trust what I see on the top 10 lists.

- I should verify what these specs mean.
- If the website isn't nice it's probably not a reliable company.
- I like the build quality of products built in America or Europe.

- Remember to confirm costs and warranties with manager.

- I am happy with the performance of the product.
- I should use this opportunity to post on my youtube channel.

FEELING

- Feeling anxious about about costs.
- Nervous about talking to manager.
- Worried about recent layoffs and tech crash..

- Annoyed at the amount of targeted ads..
- Reassured after she texts her partner.
- A little bored flipping through her phone.

- Feeling anxious about high costs.
- Dislikes asking for things.
- Feels unsure about specifications as this is his first 3D scanner.

- Feeling good about doing research.
- Less nervous and more informed.
- Assurance of product quality due to talking with the sale.

- Feeling informed and assured with purchase.
- Excited about receiving new tool and improving workflow.

- Feels relieved and accomplished she has completed the service.
- Relieved as he is happy with the product..
- Feels very little buyers remorse.

BEN KIM | BEST-FIT CUSTOMER



PERSONA 2

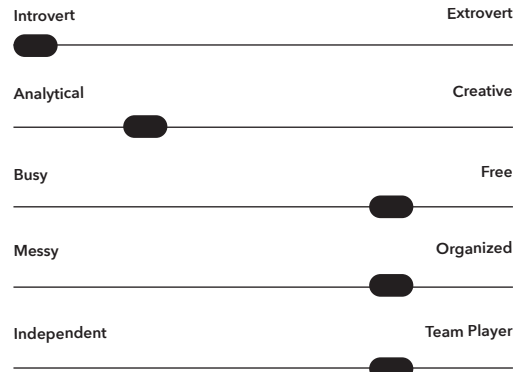
LEAD ENGINEER

"Have you seen my new mechanical keyboard?" - Ben Kim.

FAVORITE BRANDS



PERSONALITY



DEMOGRAPHICS

- 42 Years Old
- \$80 - 90K
- San Diego CA, United States
- Lead Engineer
- Married With 2 Children
- Masters in Mechatronics
- Archetype: The Hero/Family Man

BIOGRAPHY

Ben is a lead reverse engineer of 12 years working at his small oem electronics consulting company where he does the majority of the work. He spends his free taking long hikes and exploring with his family and his 2 dogs. His work day mostly involve reverse engineering products for clients in or around the Silicon Valley area.

MOTIVATIONS

Make Work Easier and Faster
Wants confidence in toolset
Convenience and Value
Enjoys Research

GOALS

- Ben needs a 3D scanner so he can improve his workflow and reduce time taking measurements.
- He needs information about the top 3D Scanners.

CHANNELS

- | | |
|----------------------|-----|
| iPhone 14 Pro Max | 60% |
| Dell X1 Windows 11 | 40% |
- 51% 40% 19%

ACTIVITIES

Hiking/Outdoors
Film/Television
Video Computet Games
Basketball
Cooking
Photography

FRUSTRATIONS

- Dislikes low Quality or badly designed products.
- Dislikes targeted ads.

USER JOURNEY 2

BEN KIM



USER SCENARIO

Ben is busy and juggles many duties. Reviewing his email he reminded that he has a backlog of projects because he spends too long taking measurements as his eyes are getting worse.

GOALS & EXPECTATIONS

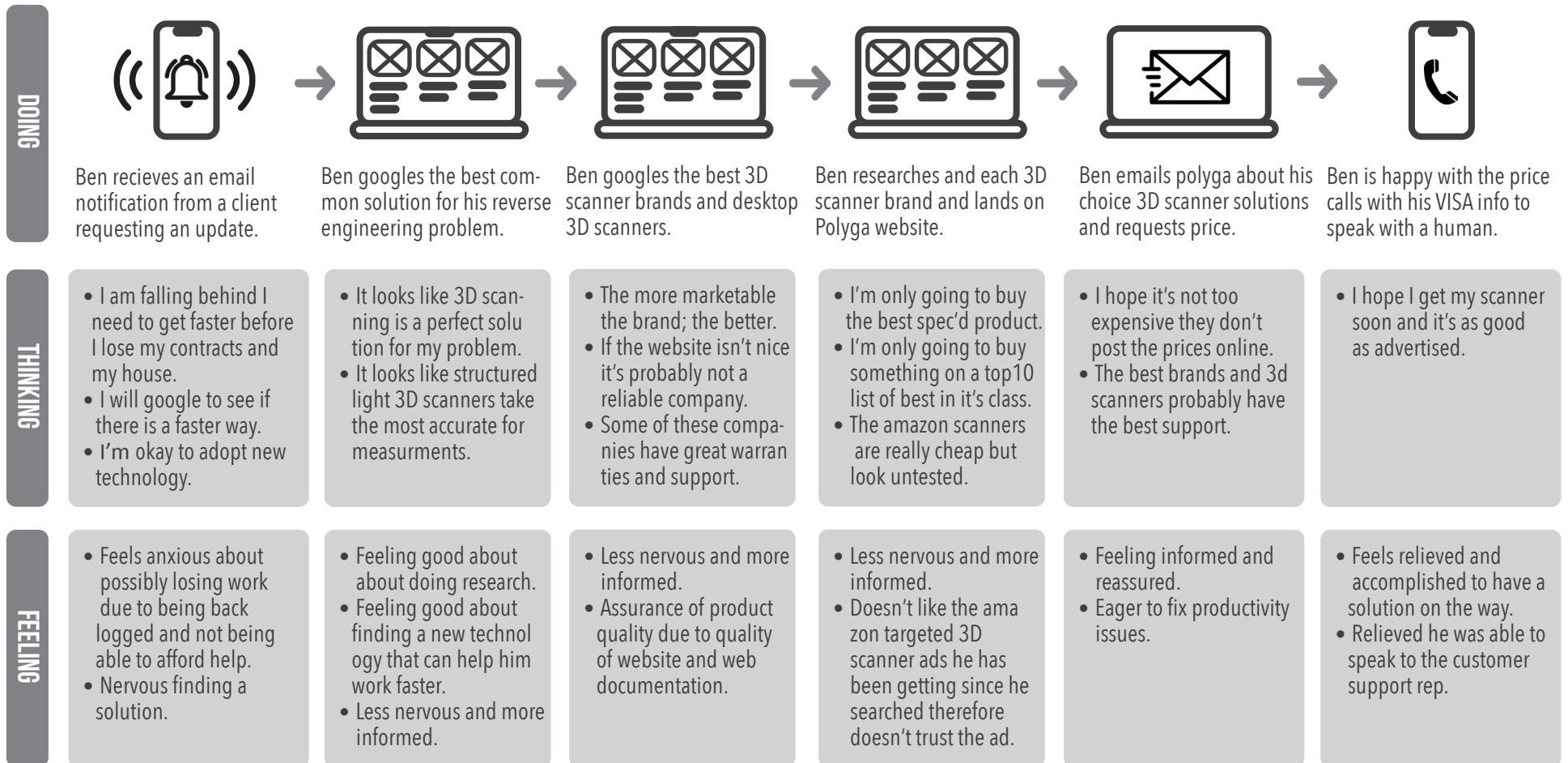
Ben's goal is to find a solution for his backlog of projects in the most convenient way possible to get back to work. He expects that a professional level measurement device can be relatively expensive.

BEFORE WORK

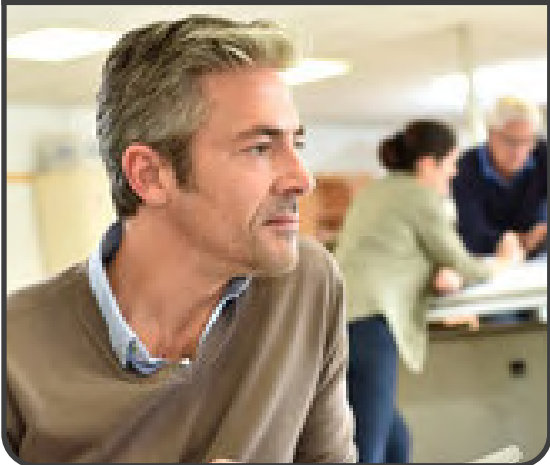
MORNING WORKDAY

AFTERNOON WORKDAY

AFTER



RICHARD M. | PERSONA 3



PERSONA 3

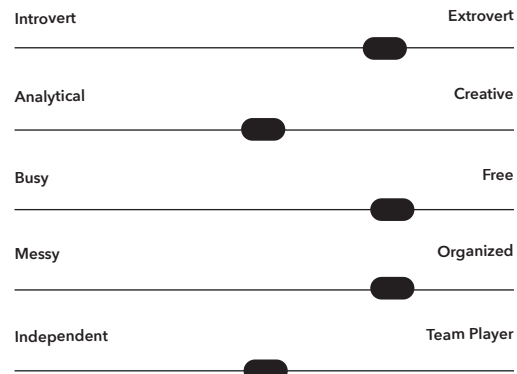
PROCUREMENT MANAGER

"One never finds the time, they must make it."
"If he dies he dies." - Char

FAVORITE BRANDS



PERSONALITY



DEMOGRAPHICS

- 48 Years Old
- \$200K - 250K
- New York NY, United States
- Procurement Manager
- Married With 2 Children
- Masters of Business Administration
- Archetype: The Sage

BIOGRAPHY

In 2007 Richard took over as Procurement Manager at multinational corporation that owns many businesses. He likes to spend his weekends sailing with his family. He is often seen on his phone browsing Amazon for the latest tech gifts for his many family members. He is a stakeholder in multiple ventures and his favourite book is Dharma Bums.

MOTIVATIONS

- Sales & Leads
- Board Members
- Staff Turnover
- Make Work Easier and Faster

GOALS

- Keep his ventures profitable
- Keep his ventures running smoothly
- Reduce staff turnaround
- Decrease work-load
- Early retirement

CHANNELS

- iPhone 15 Pro Max 80%
- Macbook Pro | Ventura 20%
- Phone 88%
- WhatsApp 8%
- Facebook 2%
- Instagram 2%

ACTIVITIES

- Climbing/Hiking
- Sailing/Boating/Fishing
- Fine Wines/Spirit
- Photography/Film
- Magazines/Books

FRUSTRATIONS

- Ventures that lose money due to neglect.
- Low quality suppliers.

USER JOURNEY 3

RICHARD M.



USER SCENARIO

Richard receives an email notification on his phone from Mark Lee and is an email request purchase order for a 3D scanner for one of his businesses.

GOALS & EXPECTATIONS

Richard's goal is to get to review and approve the purchase as fast as possible. He is ready and willing and happy to approve most requests under 10k without much resistance as long as the request seems above board.

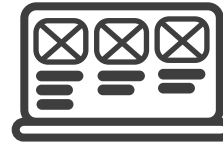
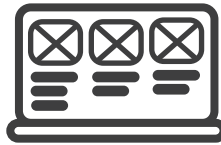
BEFORE WORK

MORNING WORKDAY

AFTERNOON WORKDAY

AFTER

DOING



Richard receives an email purchase request from his Engineer Mark Lee.

Richard calls to find out why he needs a 3D scanner.

Richard diligently looks through the web links provided and googles the

Richard compares best perceived-value brands.

Richard approves the purchase request and sends his approval via an email.

Richard calls Mark just to confirm his approval and a few details.

THINKING

- I wonder if issue can be resolved by end of day.
- I wonder why he wants 3D scanner for.

- I just need a paragraph to put in my expense book.
- Mark is an early adopter and hard worker I should make sure he has the tools he needs.

- I should diligently do vet these brands.
- I'll list perceived quality based on documentation and website.

- If the documentation is bad the product is probably also.
- If the website isn't nice it's probably not a reliable company.
- The more marketable the brand; the better.

- Eager to go home.
- Eager to finish paper work.

- Research and diligence was done.
- Show Mark support for his venture.

FEELING

- Eager to deal with this purchase request.

- Confident Mark will put the scanner to good use.
- Eager to finish the expense report and go home.

- Feeling good about vetting new brands with a systematic logical approach.
- Feeling good about supporting one of his ventures.

- Well informed.
- Assurance of product quality due to quality of website and web documentation.

- Feels good to support staff.
- Feels good to support North American Business.

- Feels relieved he was able to approve the purchase by the end of the day.
- Relieved he was able to help his team on short notice.



SECTION 2

SCOPE

SECTION 2

USER SCENARIO | USER STORY

COMPETITIVE ANALYSIS

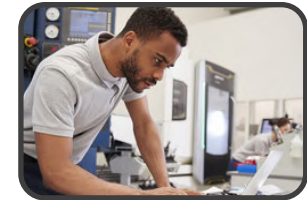
1

PERSONA 1

User Scenario 1/
User Story 1

MARK LEE

Engineer
34



2

PERSONA 2

User Scenario 2/
User Story 2

BEN KIM

Lead Engineer
42



3

PERSONA 3

User Scenario 3/
User Story 3

RICHARD M.

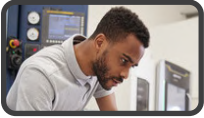
Procurement Manager
48



4

COMPETITIVE ANALYSIS

Competitors 1 - 4



PURCHASE APPROVAL WITH MARK LEE

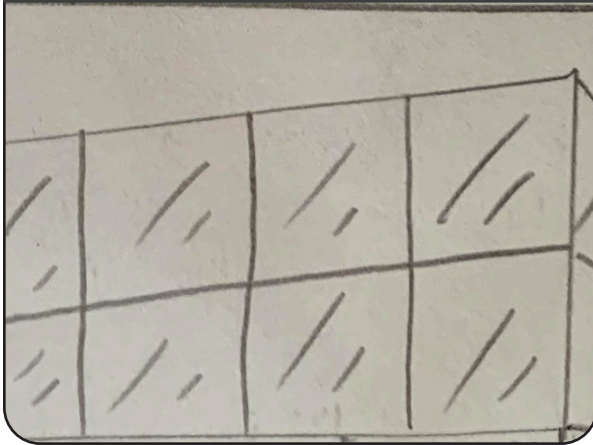
USER SCENARIO 1

USER STORY 2

IDEAL CUSTOMER

MARK LEE

R & D CO HEAD OFFICE



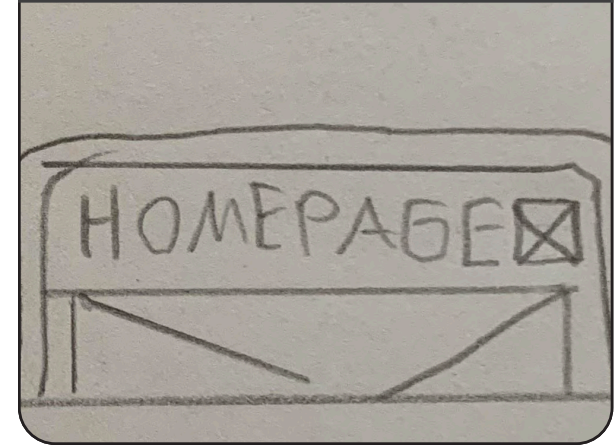
- Mark begins his work week at his R & D job at the research lab.
- Mark is looking to improve it workflow and eventually get noticed and a promotion.

MARK'S DESK AT R & D CO



- Mark searches the best solutions for his engineering problem and reads the top articles on google.
- Mark researches the technologies recommended by google and reads the articles.

MARK'S LAPTOP/ TOP OF FUNNEL



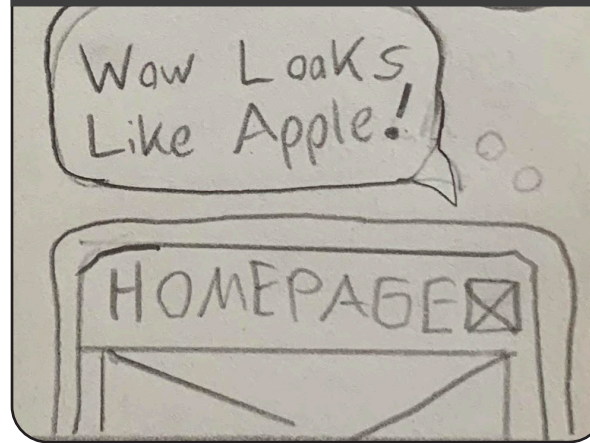
- Mark is interested in 3D scanning as a solution.
- Mark a little overwhelmed with the choices researches the top 3D scanner results and records notes on each of top brands including Polyga.

MARK'S LAPTOP MIDDLE OF FUNNEL



- Mark revisits each 3d scanner webpage and notes the most highest performance and best warranty.
- Mark uses the chatbots to ask research specs and ask a few questions about the products.

MARK'S LAPTOP

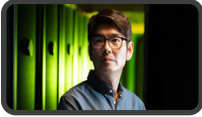


- Mark is impressed with a Canadian company Polyga and decides to call them to vet them further.
- Mark prepares notes and purchase order; forwards for approval from department manager.

MARK'S DESK / BOTTOM OF FUNNEL



- Mark calls Polyga to see the quality of the support and communication and is impressed to be able to speak to a human engineer.
- Mark chooses Polyga 3D scanner and sends a PO.



NEW PURCHASE/FRIEND WITH BEN

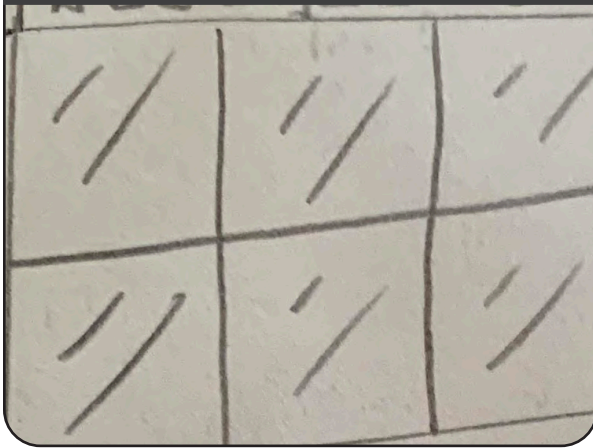
USER SCENARIO 2

USER STORY 2

BEST-FIT CUSTOMER

BEN KIM

BEN RESEARCH HEAD OFFICE



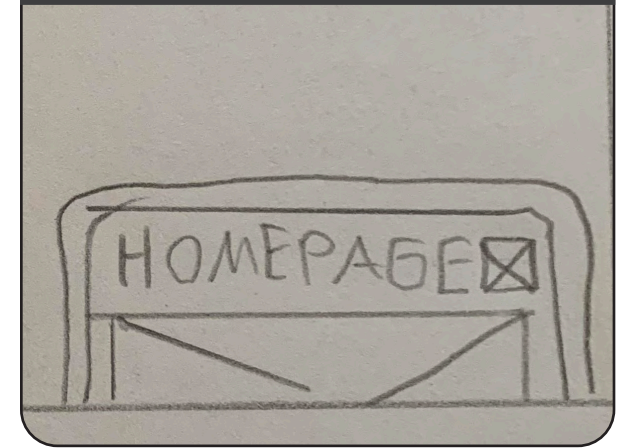
- Ben is having his morning coffee about to begin his emails at his reverse engineering firm.
- Ben receives another email that reminds him of his current backlog of projects.

BEN'S DESK / TOP OF FUNNEL



- Frustrated Ben investigates the internet for a simple fast solution to his measurement work.
- Ben lands on some youtube short videos of 3D scanning and is impressed with the technology.

BEN'S LAPTOP / MIDDLE OF FUNNEL



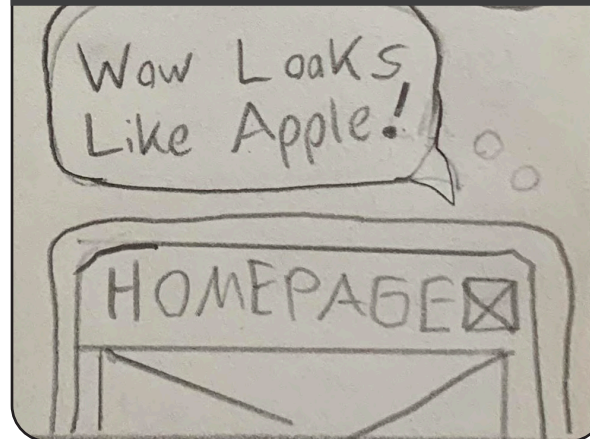
- Ben researches top10 articles on the best 3D scanners and records the consistent top brands.
- Ben googles the top brands and records his favorites noticing again a Polyga scanner video.

BEN'S LAPTOP / MIDDLE OF FUNNEL



- Ben visits each supplier webpage and notes the most professional looking and best warranty.
- Ben chooses to purchase the best spec'd best warranted scanner because he needs it to work well.

BEN'S LAPTOP / BOTTOM OF FUNNEL



- Ben notes Polyga has best spec'd for the price scanners and is impressed with the web design.
- The chatbot asks Ben if he wants to book a demo with a sales person and he says yes.

BEN'S OFFICE / BOTTOM OF FUNNEL



- On the sales call Ben is impressed with speaking to a fellow engineer and chats about many things.
- Ben was happy to have all his questions answered by a fellow engineer and purchases a S1 Pro Wide.



PURCHASE APPROVAL WITH RICHARD M. AND MARK

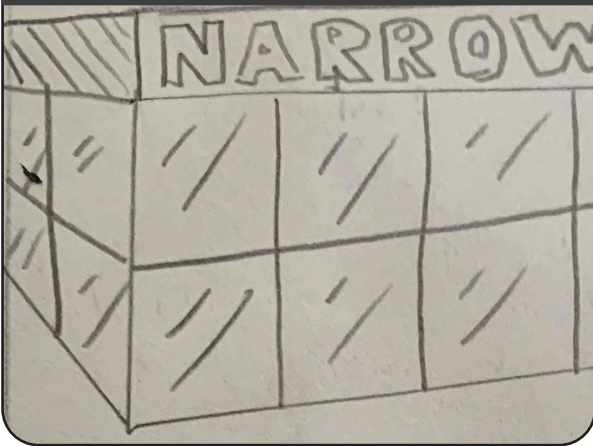
PERSONA 3

USER SCENARIO 3

USER STORY 3

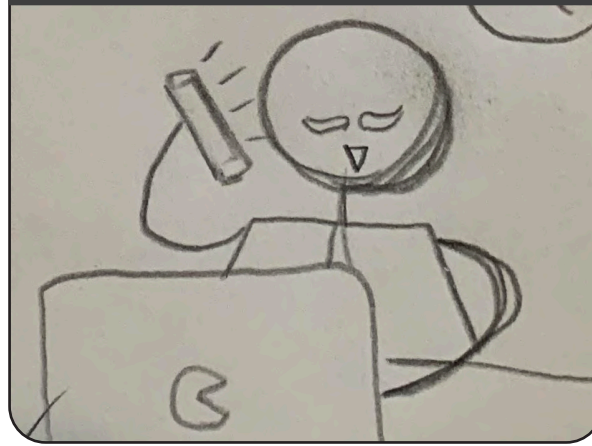
RICHARD M.

BIG GROUP HEAD OFFICE



- Richard just finished his afternoon meetings at Big Group head office.
- Char decides to check emails before he leaves for the day when he receives a call.

RICHARD'S DESK AT BIG GROUP



- Char is told; delays by chemical suppliers has caused negative customer feedback.
- He is sent a curated list of top suppliers and forms by Andy the Service Manager.

RICHARD'S DESK



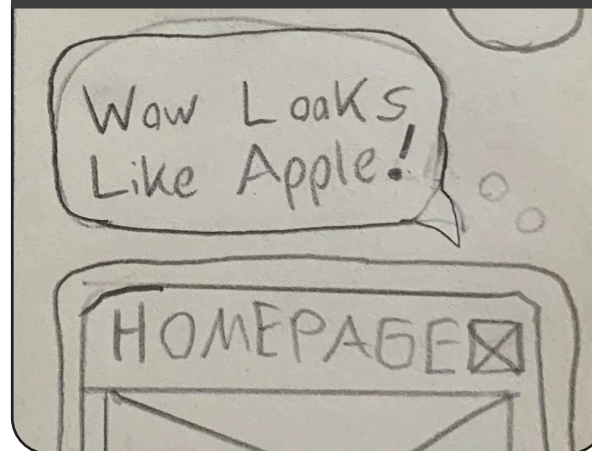
- Richard is eager to keep his staff happy and looks through the web links provided.
- Richard researches each brand and documentation but he frustrated he lacks expertise on the tech.

RICHARD'S LAPTOP



- He lists perceived-quality based on warranty, documentation and build-quality.
- He then compares prices with perceived-quality to determine best-perceived-value.

RICHARD'S LAPTOP



- Richard vets best-perceived-value suppliers and is impressed the Canadian company recommended.
- Richard decides to trust his staff and take a chance on the technology.

RICHARD'S DESK AT BIG GROUP



- Richard eager to close the request before the weekend approves the purchase request.
- Richard calls Mark giving him approval to try the technology and let him know how it goes.

ANALYSIS COMPETITIVE



POLYGA.COM/



ARTEC3D.COM/



CREAFORM3D.COM/EN



GLOBAL.REVOPOINT3D.COM/

YOUR COMPANY

COMPETITOR 1

COMPETITOR 2

COMPETITOR 3

Industry/
Product & Services

3D Scanning
Hardware &
Software

3D Scanning
Hardware &
Software

3D Scanning
Hardware &
Software

3D Scanning
Hardware

Search Engine
Ranking

★★★★

★★★★★

★★★★★

★★★★★

Google Page Speed
Rating / Core Web Vitals

75% Desktop
25% Mobile
Passed

41% Desktop
32% Mobile
Passed

54% Desktop
72% Mobile
Failed

25% Desktop
25% Mobile
Failed

Product /
Customer Support

★★★★★

★★★★★

★★★★★

★★★★★

Content Marketing /
Marketing Material

★★★★★

★★★★★

★★★★★

★★★★

Pricing / Value

★★★★★

★★★

★★★

★★★★★

Marketing Strategy

Email/Phone/
Website/Social/
Newsletter/Blog

Email/Phone/
Website/Social/
Newsletter/Blog

Email/Phone/
Website/Social/
Newsletter/Blog

Email/Phone/
Website/Social/
Newsletter/Blog

Customer Satisfaction/
Brand Recognition/
Reputation

★★★★

★★★★★

★★★★★

★★★

Weaknesses

Low Quality
Scan Samples/
Market Share

Mobile Speeds/
Desktop Speeds

Desktop Speeds
/Price

Mobile Speeds/
Lack of
Reputation

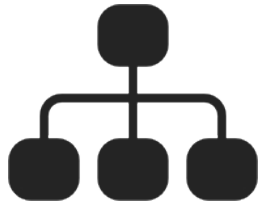
Advantages

Branding/
Politically
Approachable

Product/Design/
Reputation/
Marketing/Share

Product/Design/
Reputation/
Marketing/Share

Product/Design/
Reputation/
Marketing/Price



SECTION 3 STRUCTURE

SECTION 3

USER FLOWS

SITEMAP

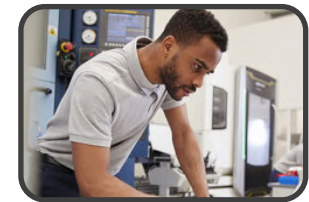
1

PERSONA 1

User Flow 1

MARK LEE

Engineer
34



2

PERSONA 2

User Flow 2

BEN KIM

Lead Engineer
42



3

PERSONA 3

User Flow 3

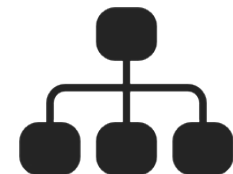
RICHARD M.

Procurement Manager
48

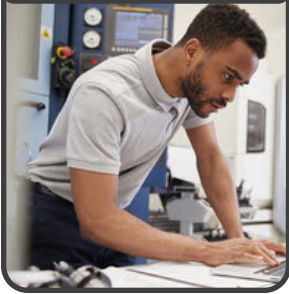


4

SITEMAP



PERSONA 1



USER FLOW

SCENARIO

Mark is a proud mechatronics engineer of 2 years working at his dream job at a research & development lab and wants to streamline his workflow.

MARK LEE

GOALS & EXPECTATIONS

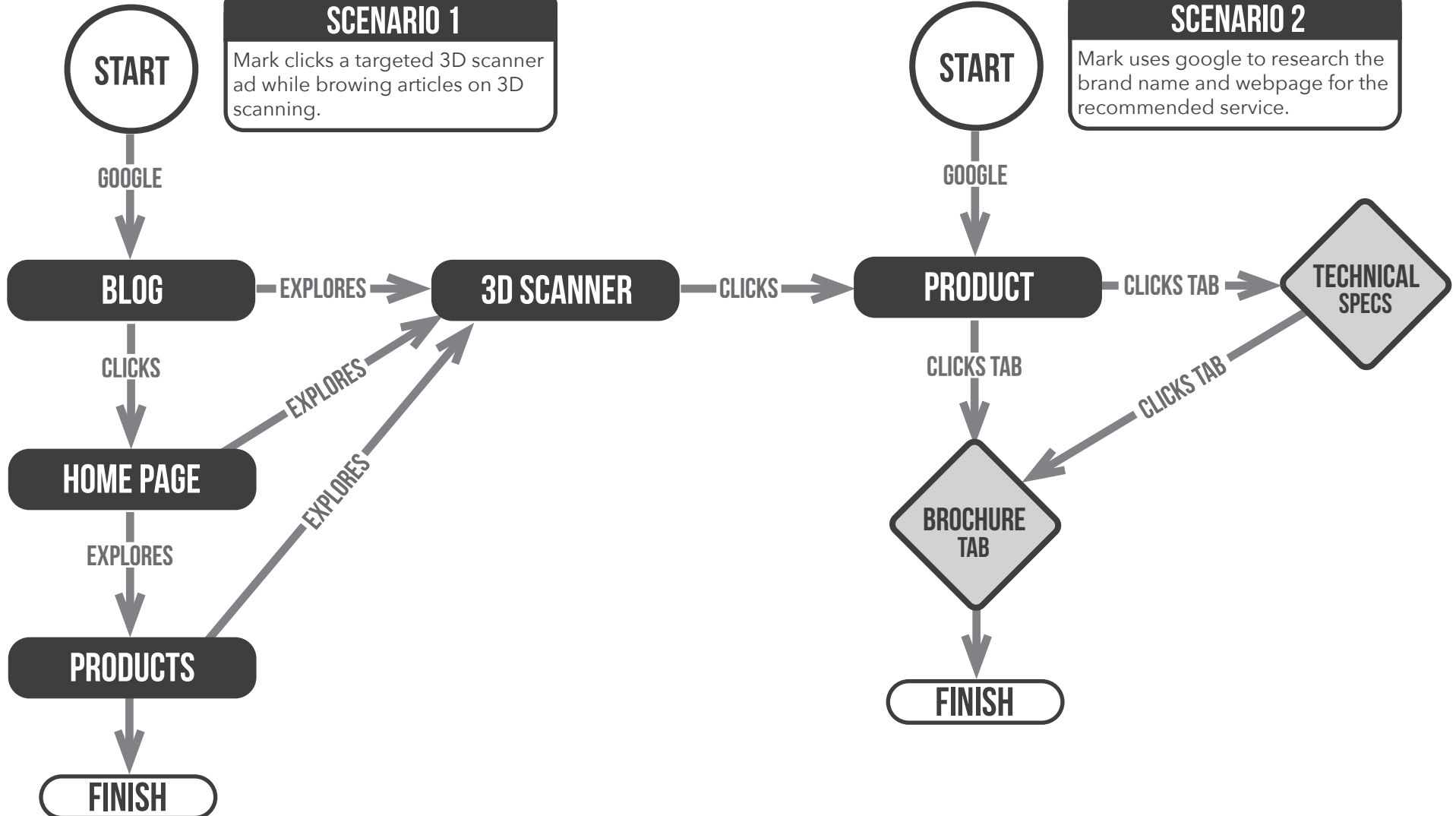
Research and vet technologies and solutions. Check to see if the company seems reputable. He suspects good top10 placement/design/documentation an indicator of quality and reliability of product/brand.

SCENARIO 1

Mark clicks a targeted 3D scanner ad while browsing articles on 3D scanning.

SCENARIO 2

Mark uses google to research the brand name and webpage for the recommended service.



PERSONA 2



USER FLOW

BEN KIM

SCENARIO

Ben has to vet possible suppliers and lists marketing material, brand names and links to research the reputation and inherent reliability of companies.

GOALS & EXPECTATIONS

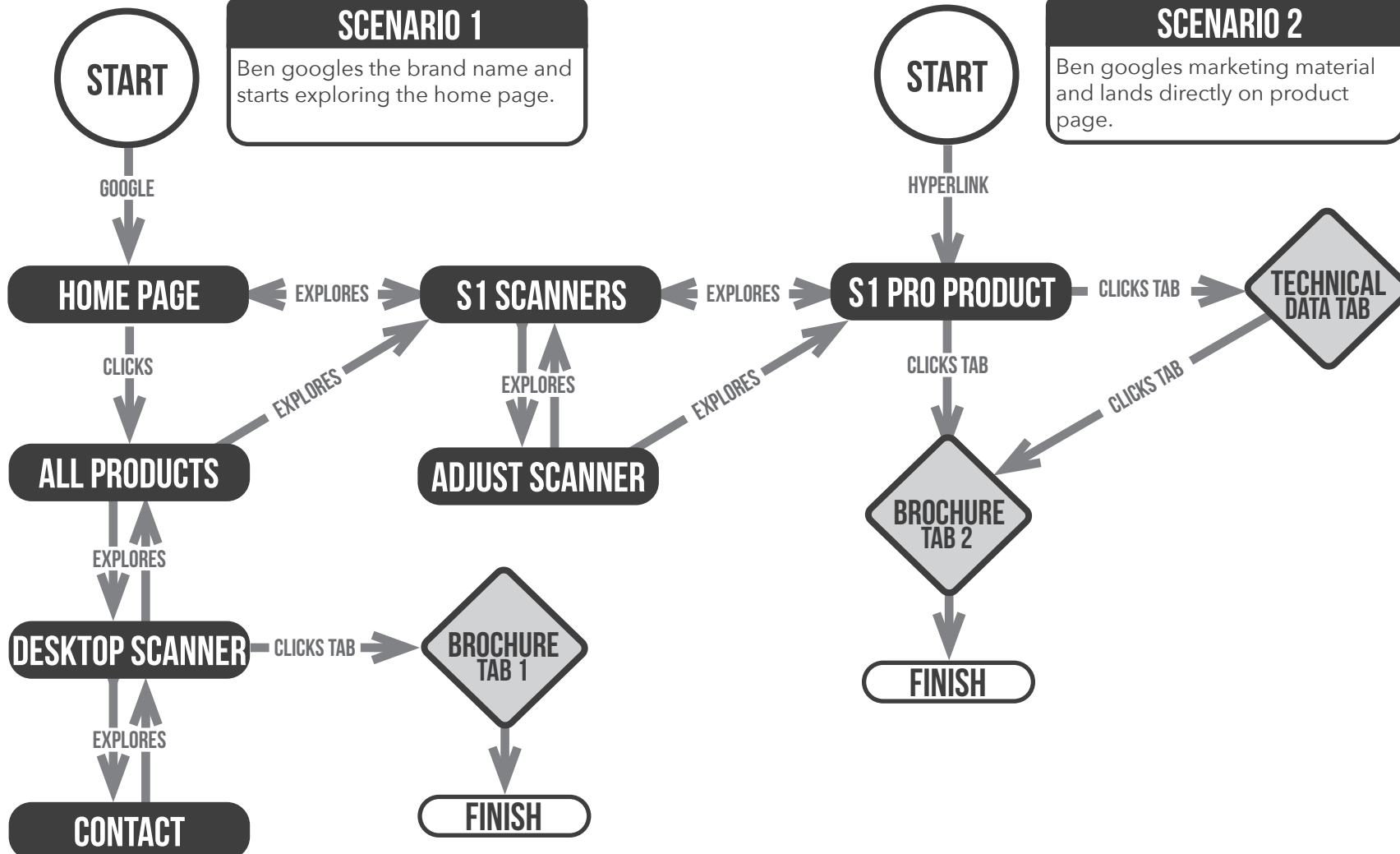
Ben's goal is to check vet reputation and legitimacy of a new supplier. He expects good documentation to be an indicator of quality. He expects a good reputable company can afford good documentation and information architecture.

SCENARIO 1

Ben googles the brand name and starts exploring the home page.

SCENARIO 2

Ben googles marketing material and lands directly on product page.



PERSONA 3



USER FLOW

RICHARD M.

SCENARIO

Richard has received a curated list of marketing material and links of possible replacement suppliers and brands.

GOALS & EXPECTATIONS

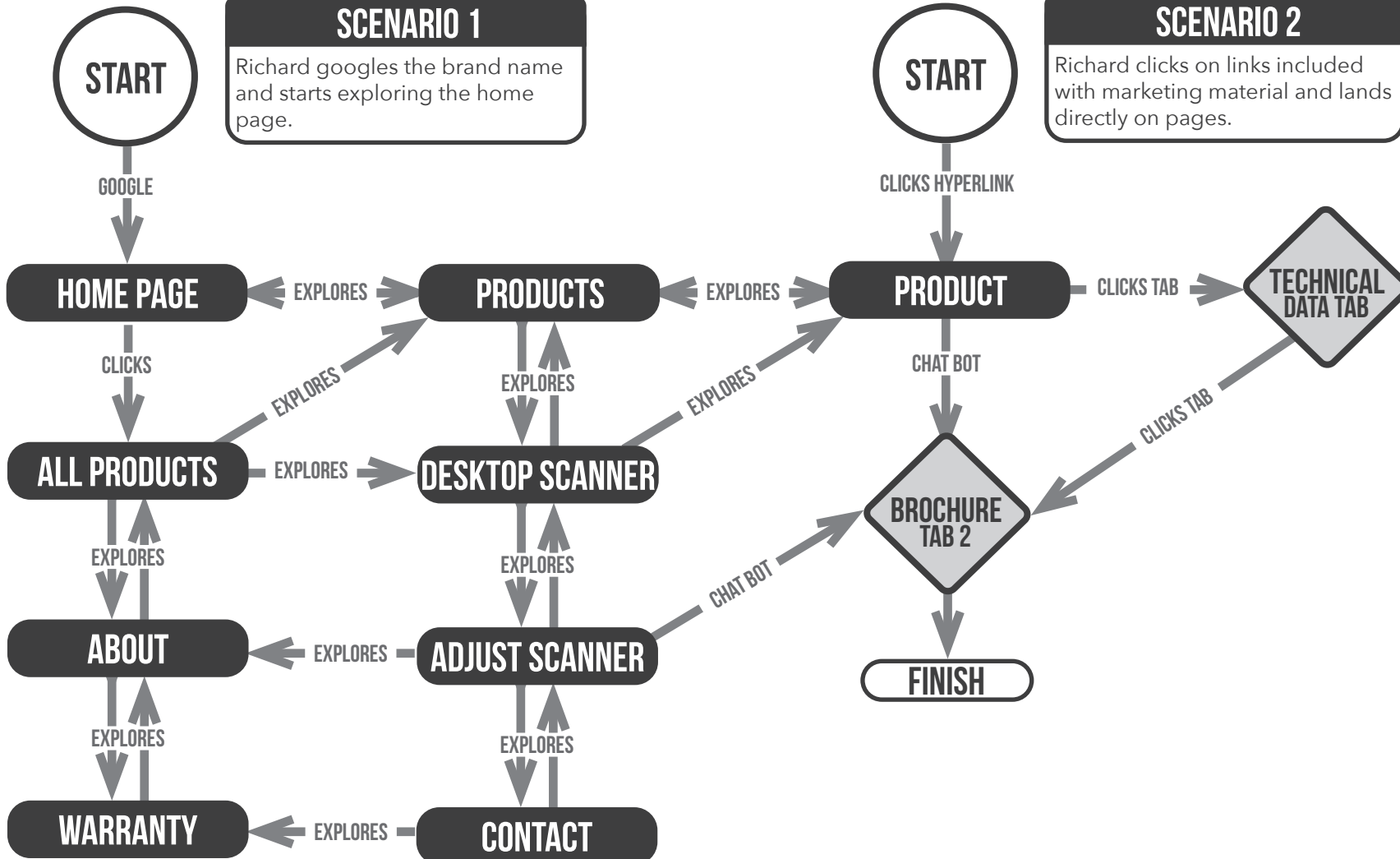
Richard's goal is to check legitimacy of a new supplier. He expects good documentation to be an indicator of quality. He expects a good reputable company can afford great web design and support.

SCENARIO 1

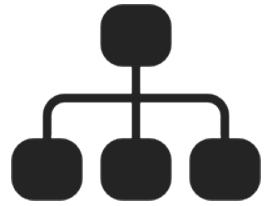
Richard googles the brand name and starts exploring the home page.

SCENARIO 2

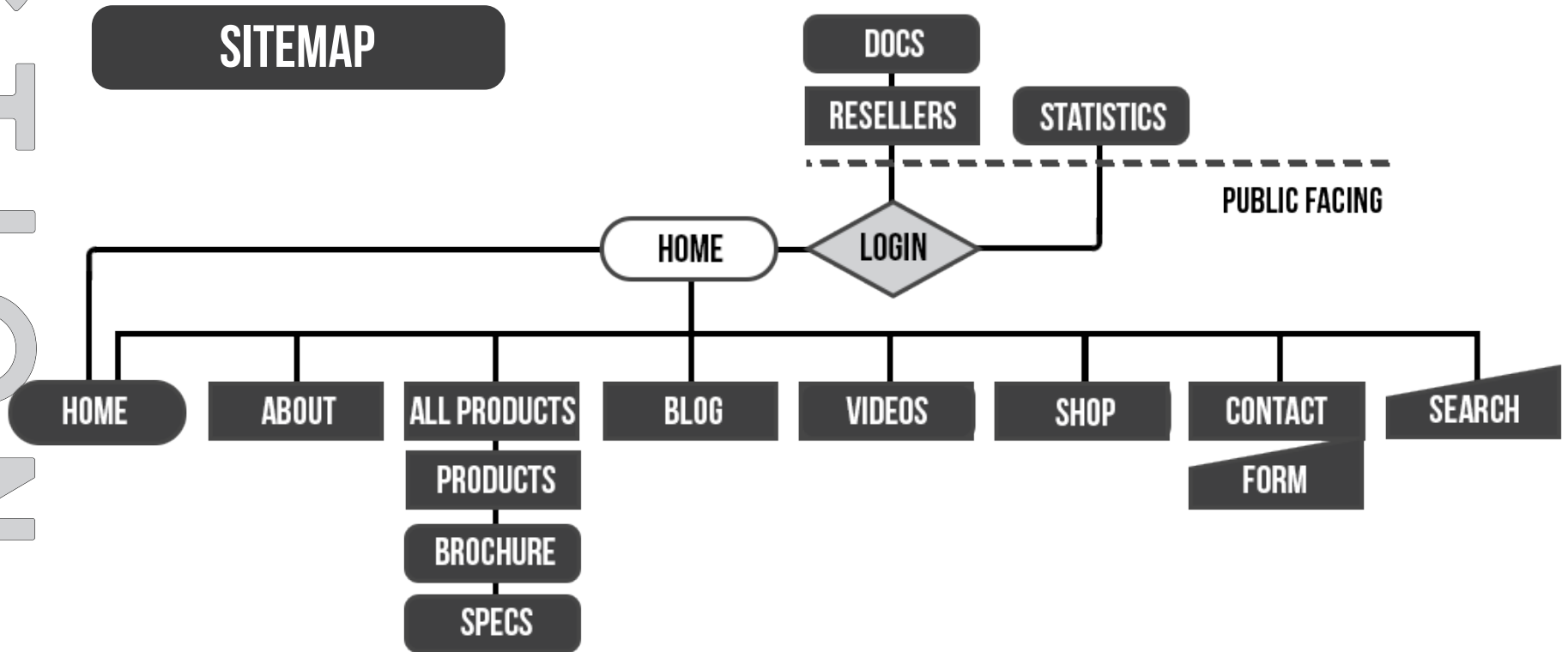
Richard clicks on links included with marketing material and lands directly on pages.



SECTION 3 SITE MAP

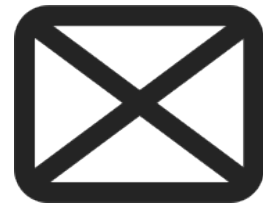


A site map is a model of a website's content designed to help both users and search engines navigate the site. A site map can be a hierarchical list of pages (with links) organized by topic, an organization chart, or an XML document that provides instructions to search engine crawl bots.



SITEMAP
Illustration of pages to be indexed.

SECTION 4



SECTION 4
SKELETON

LO-FIDELITY PROTOTYPE/WIREFRAME

MENU DESIGN/INFORMATION ARCHITECTURE

1

DESKTOP

Low-Fidelity Prototype 1-9
Wire-frames

LO-FIDELITY PROTOTYPE

Information Architecture
Interaction Design

2

MOBILE

Low-Fidelity Prototype 1-12
Wire-frames

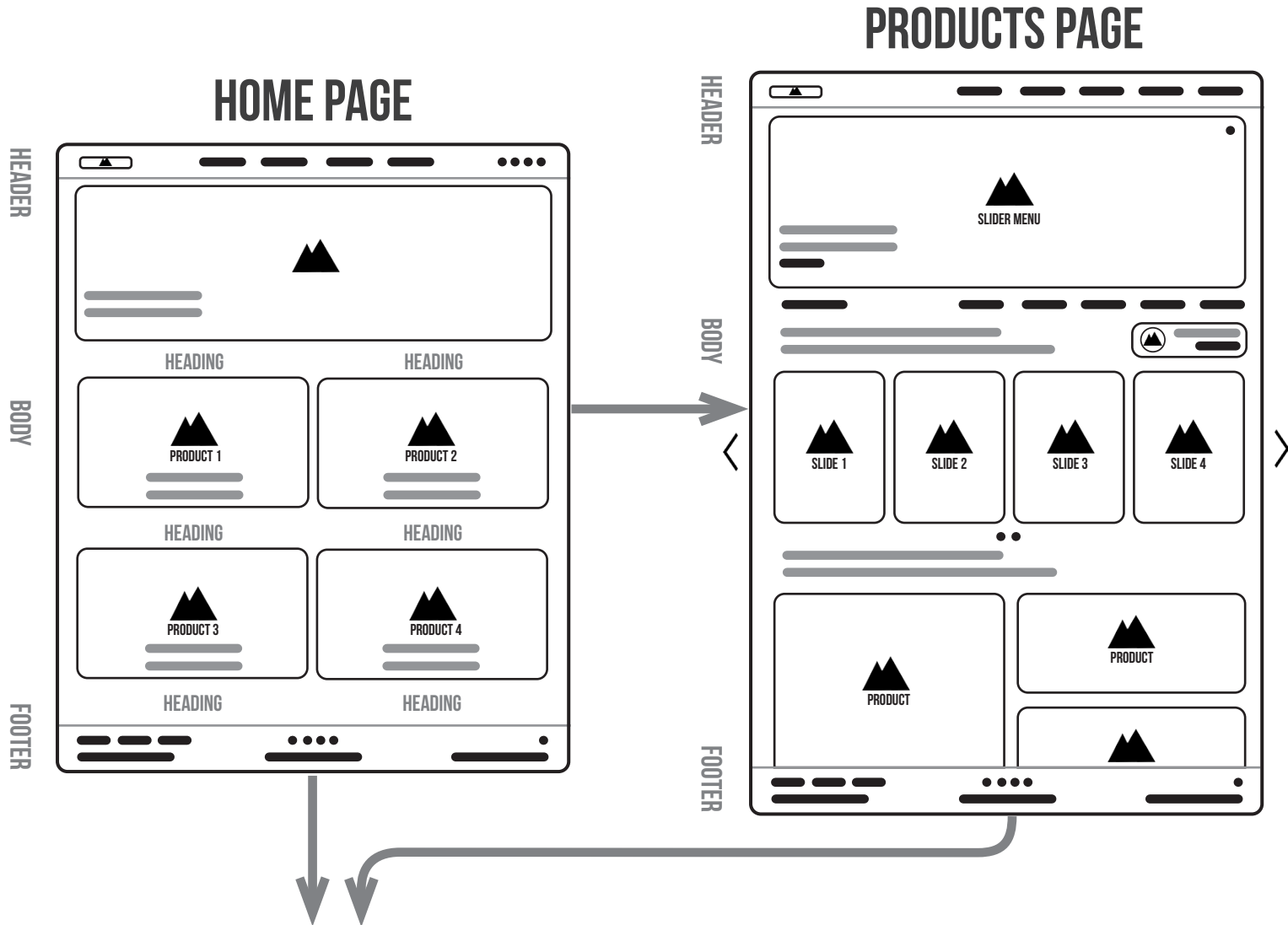
LO-FIDELITY PROTOTYPE

Information Architecture
Interaction Design

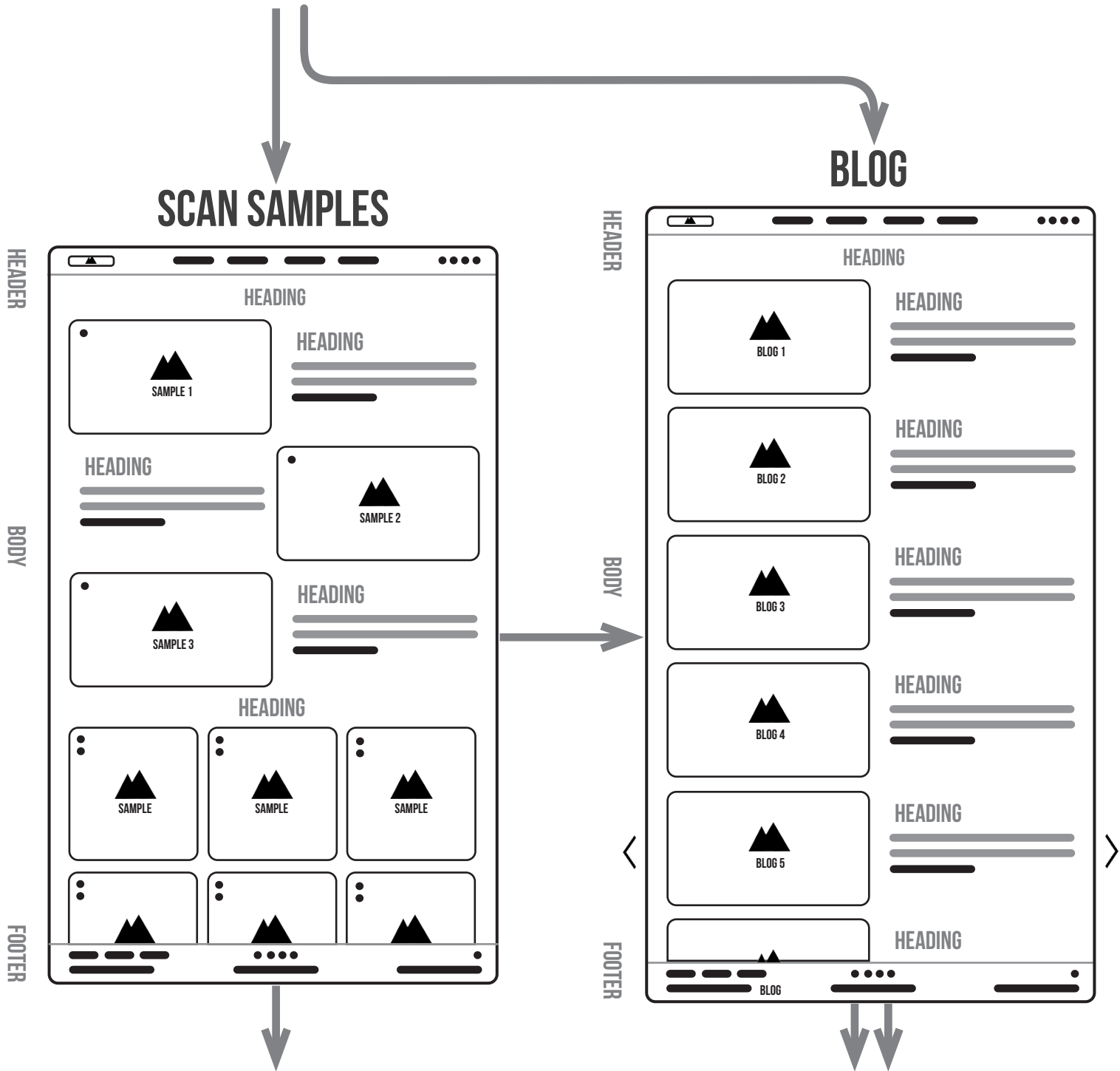
WIRE-FRAMES

LO-FIDELITY PROTOTYPE

- DESKTOP
- MOBILE

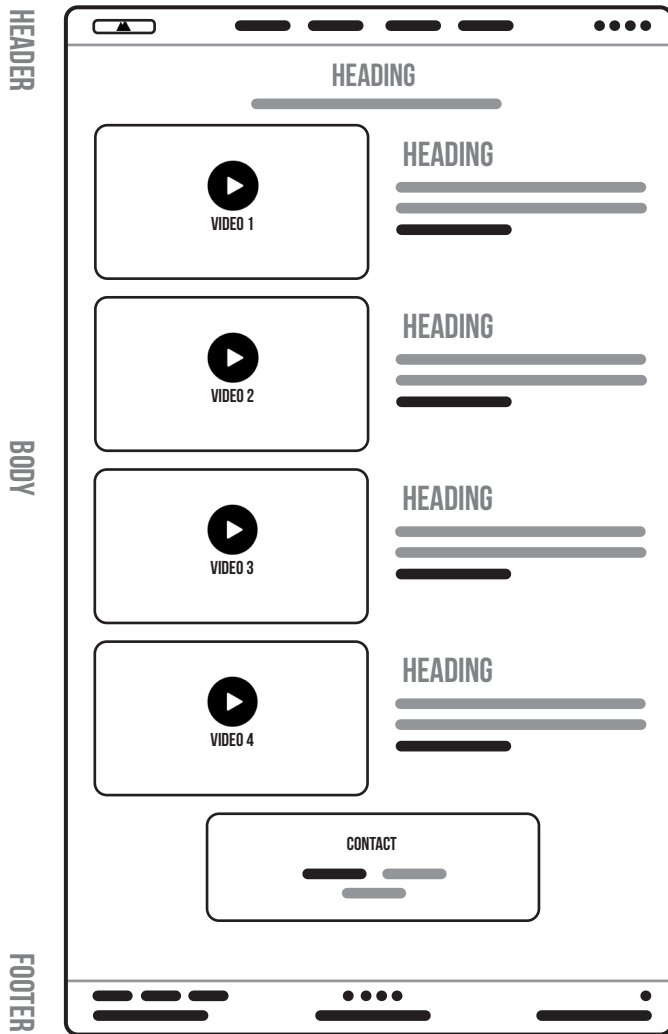


WIREFRAMES

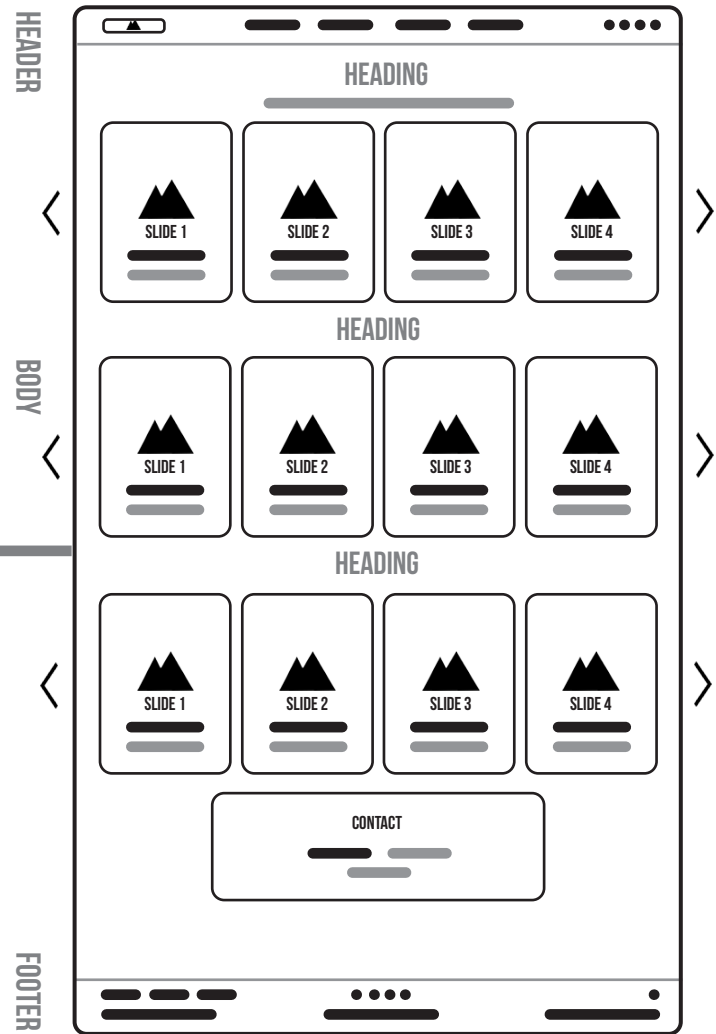


WIREFRAMES

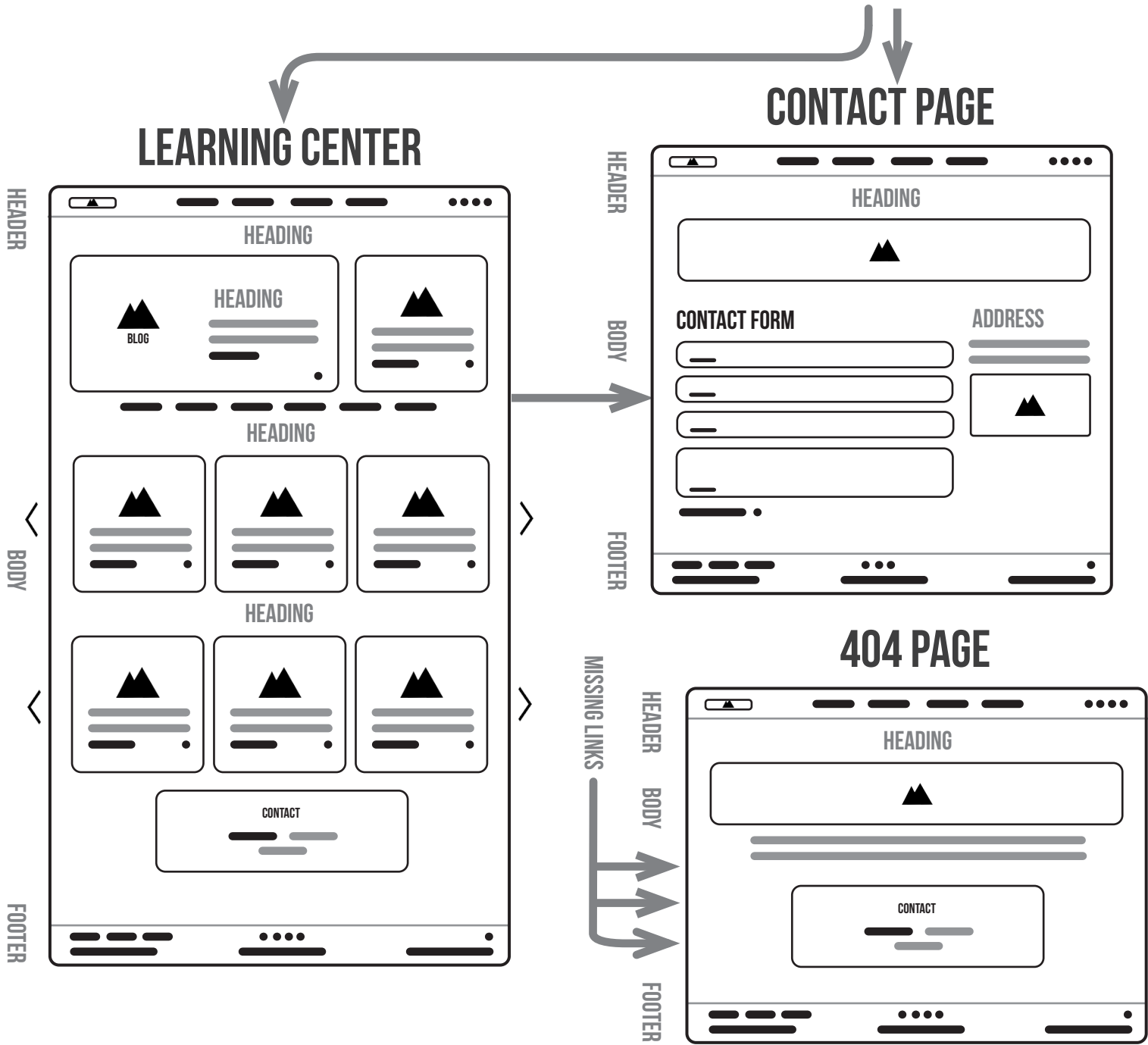
VIDEO PAGE



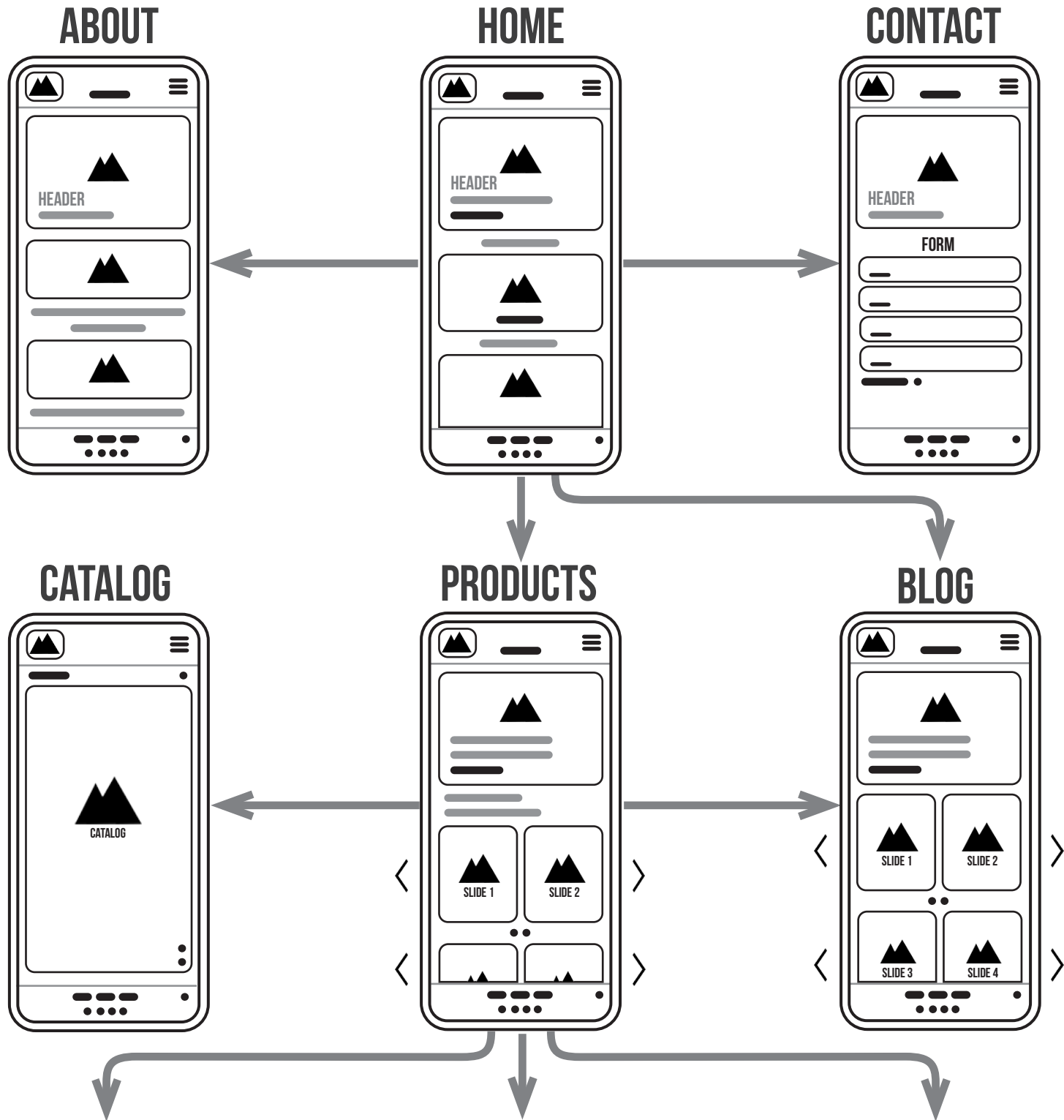
RESOURCE CENTER



WIREFRAMES

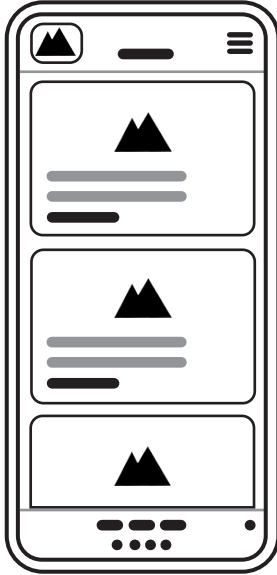


WIREFRAMES

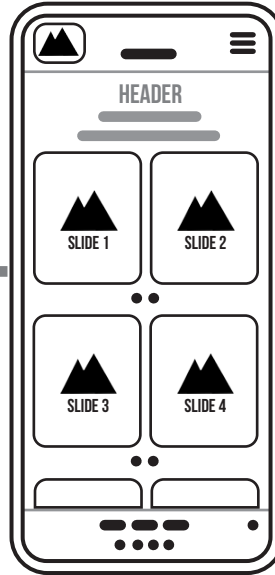


WIREFRAMES

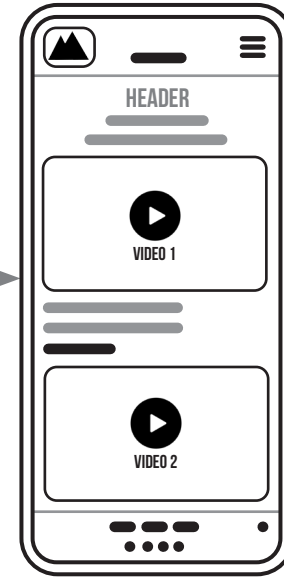
LEARNING CENTER



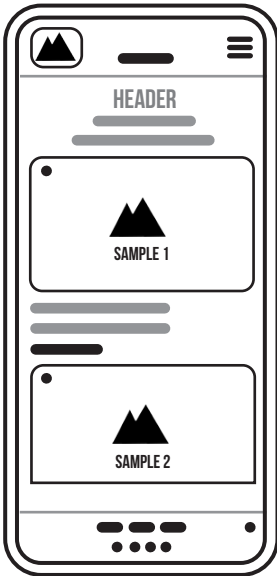
RESOURCES



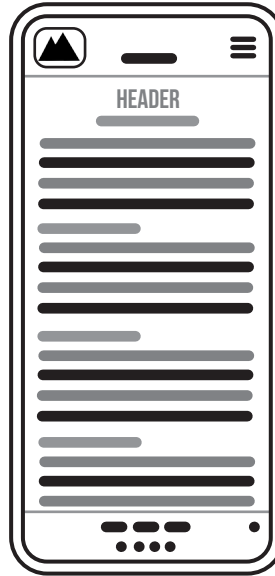
VIDEOS



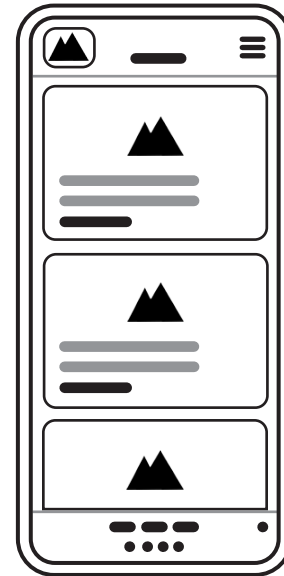
SCAN SAMPLES



USER MANUALS



CASE STUDIES



SECTION 5



SURFACE

HI-FIDELITY PROTOTYPE/MOCK-UP

DESIGN SYSTEMS/STYLE GUIDE

The design system is the standardized style-guide system popularized by the Interaction Design Foundation.

1

DESKTOP

High Fidelity Prototype 1-6
Mock-Up

HI-FIDELITY PROTOTYPE

Menu Design
Information Architecture

2

MOBILE

High Fidelity Prototype 1-12
Mock-Up

HI-FIDELITY PROTOTYPE

Menu Design
Information Architecture

3

STYLE GUIDE

Brand Identity
Logo

DESIGN SYSTEM

Fonts Typography
Icon Library/Iconography

PROTOTYPE

MOCK-UP

HIGH-FIDELITY PROTOTYPE

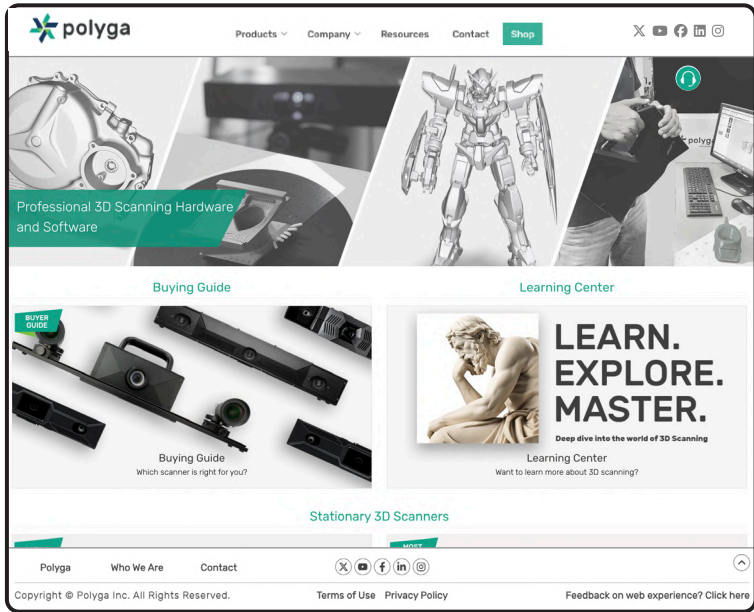
DESKTOP

MOBILE

HEADER

BODY

FOOTER

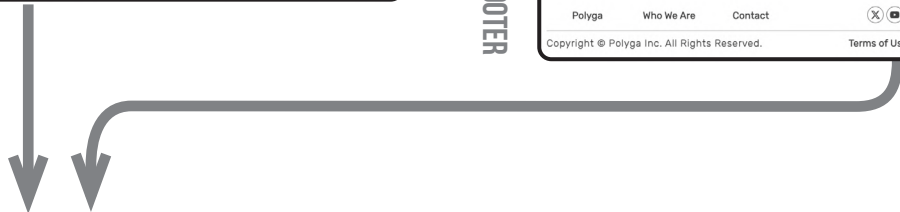
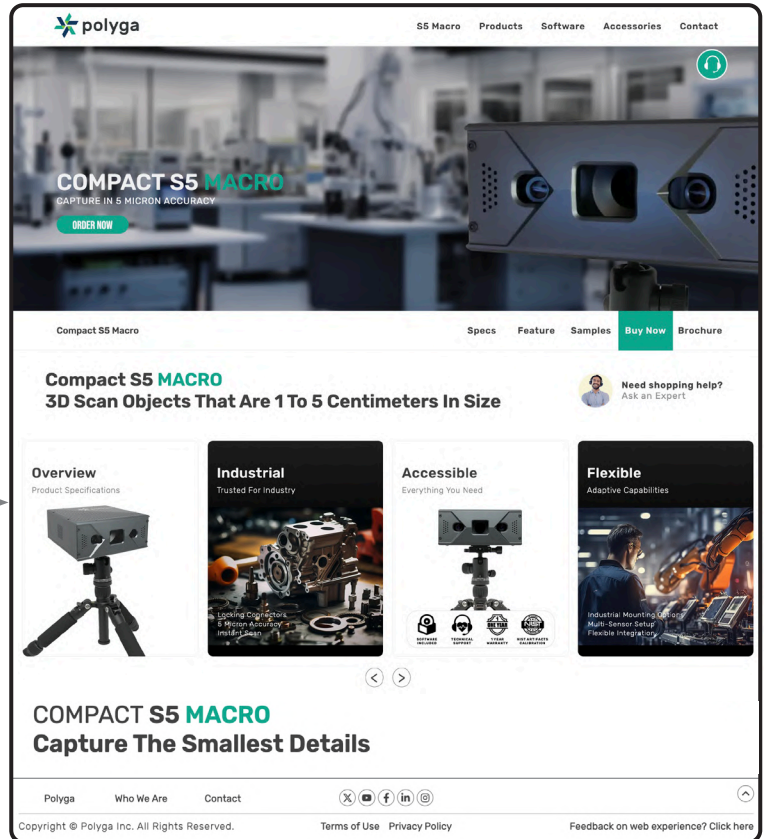


PRODUCT PAGE 1

HEADER

BODY

FOOTER




PROTOTYPE

PRODUCT PAGE 2

HEADER

polyga S1 Pro Products Software Accessories Contact



COMPACT S1 PRO
NEW DESKTOP 3D SCANNER
[ORDER NOW](#)

Compact S1 Pro Specs Feature Samples [Buy Now](#) Brochure

Compact S1 Professional
An Affordable Industrial Grade 3D Scanner.

Need shopping help? Ask an Expert

Comes In Two Configurations

S1 PRO S1 PRO WIDE

Overview
Product Specifications

Industrial Grade
Trusted For Industry

Highlights
Product Highlights

Full Color Scans
Color Texture Support

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BODY

FOOTER

HEADER


BODY

FOOTER

PRODUCT PAGE 3

polyga Carbon X Products Software Accessories Contact

CARBON X



CARBON X. The Best Is Now Better.
New Improved Flexible Field Of View Scanner.

Need shopping help? Ask an Expert


Overview
Technical Specs

New Projector
Blue Light Technology

Features
Product Highlights

Adjustable Fov
Scan Different Sizes

Product Overview



| | | | |
|---------------------------|--|--------------------------------|------------------------------|
| Model | Carbon X | Field of view | 220mm ø - 975mm ø |
| Product dimensions | W = 200mm (500mm with rail) H = 108mm L = 271mm to 315mm | Standoff | 290mm - 1220mm |
| Accuracy | 25µm at smallest FOV / 70µm at max FOV | Point to point distance | 0.038mm - 0.45mm |
| Scan speed | 250ms (0.25 seconds) | Camera Resolution | 2 x 5.0 megapixel |
| 3D Resolution | Up to 5 million | Connectivity | USB 3.0 |
| Texture resolution | 5.0 megapixel monochrome | Power source | 12V - 10A DC Power |
| | | Output formats | 3D3, ASC, OBJ, PLY, STL, FBX |

FlexScan Software Multi Language Support available in English, French, German, Chinese, Japanese, Korean.

[DOWNLOAD BROCHURE](#)

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PROTOTYPE

PRODUCT FEATURES

BLOG PAGE

HEADER

polyga S5 Macro Products Software Accessories Contact

| | | | |
|---------------------------|----------------------|-------------------------------------|---|
| Accuracy | 5 microns | Linear Field of view (H x W) | 39mm x 44mm at closest range 44mm x 48mm at furthest range |
| Scan speed | 250ms (0.25 seconds) | Point to point distance | 0.021mm |
| 3D Resolution | Up to 5 million | Power source | 12V – 6A DC Power |
| Texture resolution | 5.0 megapixel color | Output formats | X3D, ASC, OBJ, PLY, STL, FBX |

FlexScan Software Multi Language Support available in English, French, German, Chinese, Japanese, Korean.

[DOWNLOAD BROCHURE](#)

INDUSTRY READY | Industrial Performance

- EXTREME DETAIL**
SNP cameras equipped with a short baseline reduces occlusion data.
- BUILT TO LAST**
Constructed using aluminum alloy with a scratch-resistant finish.
- 5 MICRON ACCURACY**
Each scanner is calibrated and tested with NIST certified artifacts to ensure that every 3D scan returns metrology grade results.
- INSTANT SCAN**
Capture 5 million points in 0.66 seconds.

PRO FLEXIBLE | Built for Automation

- FLEXIBLE INTEGRATION**
Tap into the full potential of the scanner using Polyga's SDK.
- MULTI SENSOR SETUP**
Control multiple scanners from a single PC. Easily integrate multiple scanners.
- INDUSTRY READY**
External Trigger support & Locking USB for seamless automation.
- INDUSTRIAL MOUNTING**
Mounting points allow for secure attachment in industrial automations.

Polyga Who We Are Contact

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BODY

FOOTER

HEADER

BODY

FOOTER

polyga S5 Macro Products Software Accessories Contact

LEARNING CENTER

LEARN. EXPLORE. MASTER.
Your Guide to the Wonderful World of 3D scanning

3D SCANNING 101

3D SCANNING 101 | BASICS

STRUCTURED LIGHT 3D SCANNING

Basics of Structured Light 3D Scanning

Welcome to the extraordinary world of 3D scanning at our cutting-edge 3D scanning learning center!

Our 3D scanning learning center is a haven for inquisitive minds, where the art and science of structured light scanning come alive. From meticulously crafted buyer's guide and courses to awe-inspiring case-studies, our resource center has you covered.

[Read article +](#)

3D SCANNING 101 | APPLICATIONS

REAL WORLD APPLICATIONS

Real World Applications of Structured Light 3D Scanning

Welcome to the extraordinary world of 3D scanning at our cutting-edge 3D scanning learning center!

Our 3D scanning learning center is a haven for inquisitive minds, where the art and science of structured light scanning come alive. From meticulously crafted buyer's guide and courses to awe-inspiring case-studies, our resource center has you covered.

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3D SCANNING 101 | SIZE LIMITATIONS

STRUCTURED LIGHT 3D SCANNING

Size Limitations of Structured Light 3D Scanning

Welcome to the extraordinary world of 3D scanning at our cutting-edge 3D scanning learning center!

Our 3D scanning learning center is a haven for inquisitive minds, where the art and science of structured light scanning come alive. From meticulously crafted buyer's guide and courses to awe-inspiring case-studies, our resource center has you covered.

[Read article +](#)

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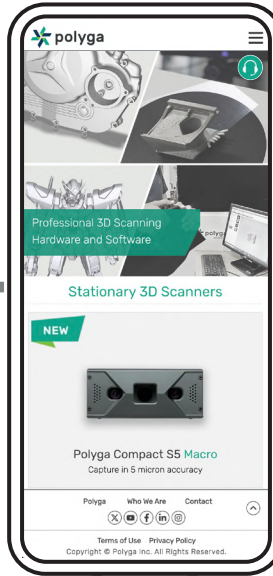
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PROTOTYPE

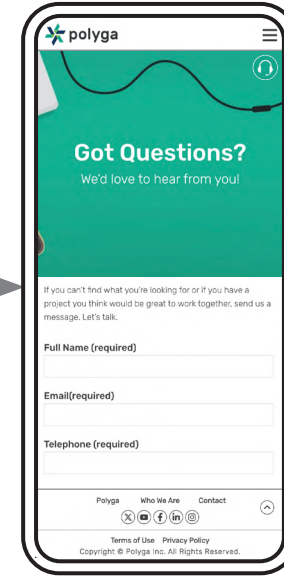
ABOUT



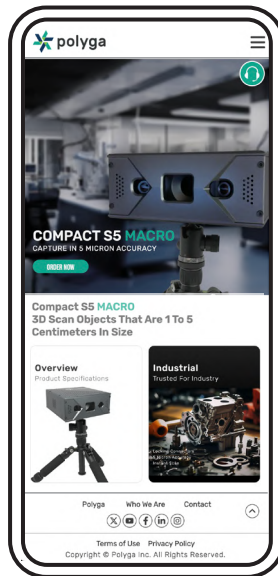
HOME



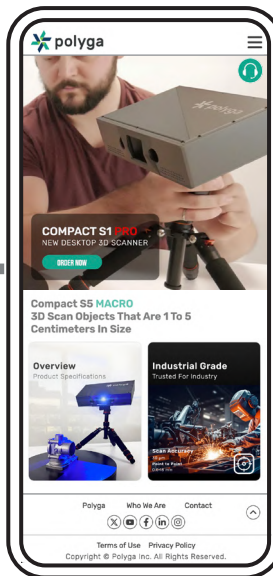
CONTACT



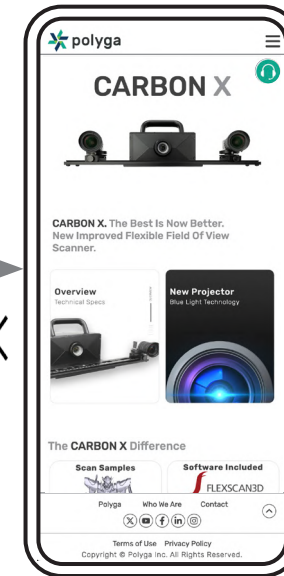
PRODUCT



PRODUCT



PRODUCT



STYLE GUIDE



UI STYLE GUIDE

S5 Macro

DESKTOP

MOBILE

2024

01. TYPEFACE

Rubik True Type

Aa Aa Aa

Light Regular Semi-bold

H1 - Rubik Semi-bold (50px)

H2 - Rubik Semi-bold (30px)

H2 - Rubik Regular (30px)

H3 - Rubik Semi-bold (25px)

H4 - Rubik Semi-bold (17px)

02. PARAGRAPH

Lorem ipsum dolor - Rubik Semi-bold (17px)

"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod **tempor incididunt** ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat." - Rubik Regular / Semi bold (14px)

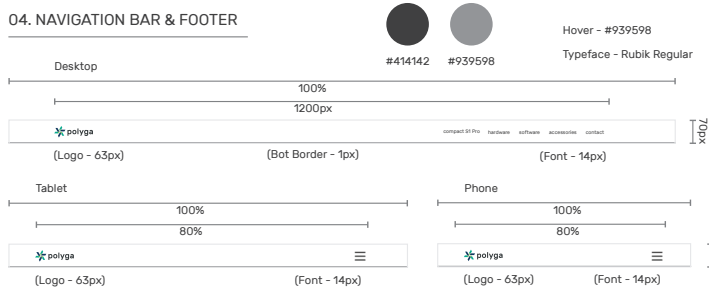


03. TABLE

| (Rubik Semi Bold - 14px) | (Rubik Light - 14px) |
|--------------------------|----------------------|
| Accuracy | 13.5um - 65um* |
| Scan speed | 250ms (0.25 seconds) |
| 3D resolution, up to | ≥ 5 million* |



04. NAVIGATION BAR & FOOTER

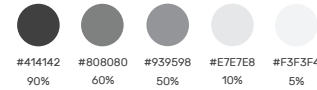


05. COLOR PALLETE

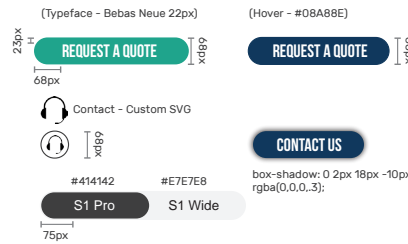
Primary



Neutral



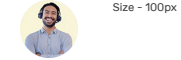
06. BUTTONS



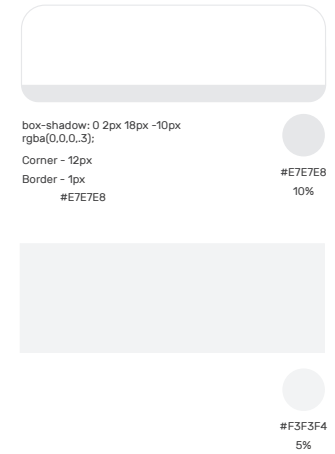
07. ICONS



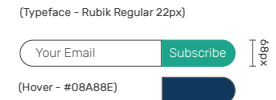
08. AVATARS



09. CONTAINERS



10. FORMS



04. FOOTER

