

UX DESIGN

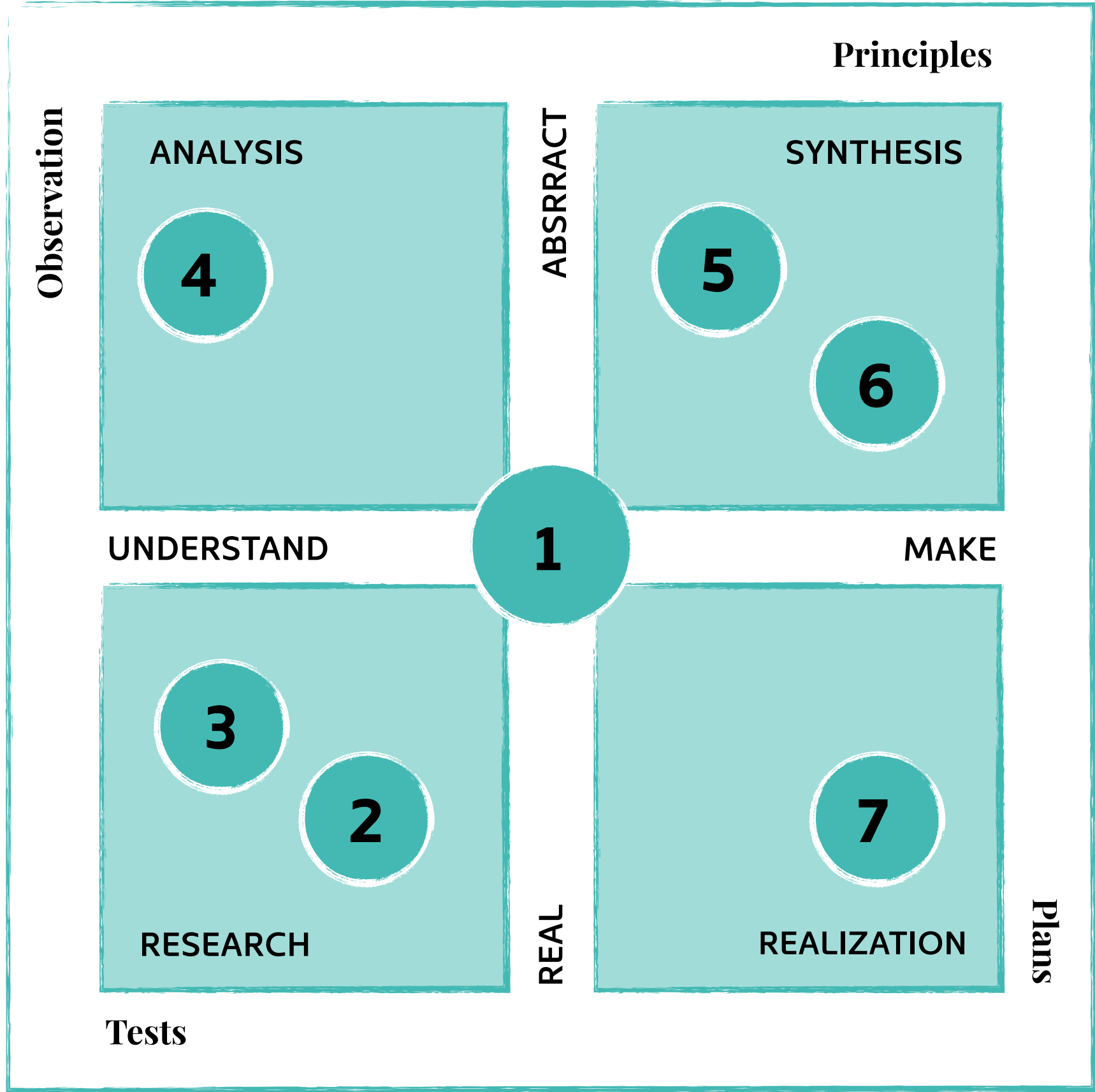
MASTER THESIS IN CO-OPERATION WITH RE'FLEKT GMBH

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PROF. SZASZ & PROF. FAUST

MACROMEDIA, UNIVERSITY OF APPLIED SCIENCE, MUNICH, 09.07.2019

**How can the Seven Modes
of Design Innovation
Help combine the UX of
two different AR Products?**



- 1 **Sense Intent** - Problem Definition, Methodology
- 2 **Know Context** - Trends, Competitors, Product Field Ref Guide
- 3 **Know People** - Expert Interviews, Personas, User Journeys
- 4 **Frame Insights** - Workshop, Findings
- 5 **Explore Concepts** - User Flows
- 6 **Frame Solutions** - Prototypes, Feedback, Iterations
- 7 **Realise Offerings**



Healthcare

16.8 Billion USD

AR & VR Market Revenue Worldwide 2019



Automotive



Enterprise

198 Billion USD

AR Global Market Size 2025



Mobile

29.5 Billion USD

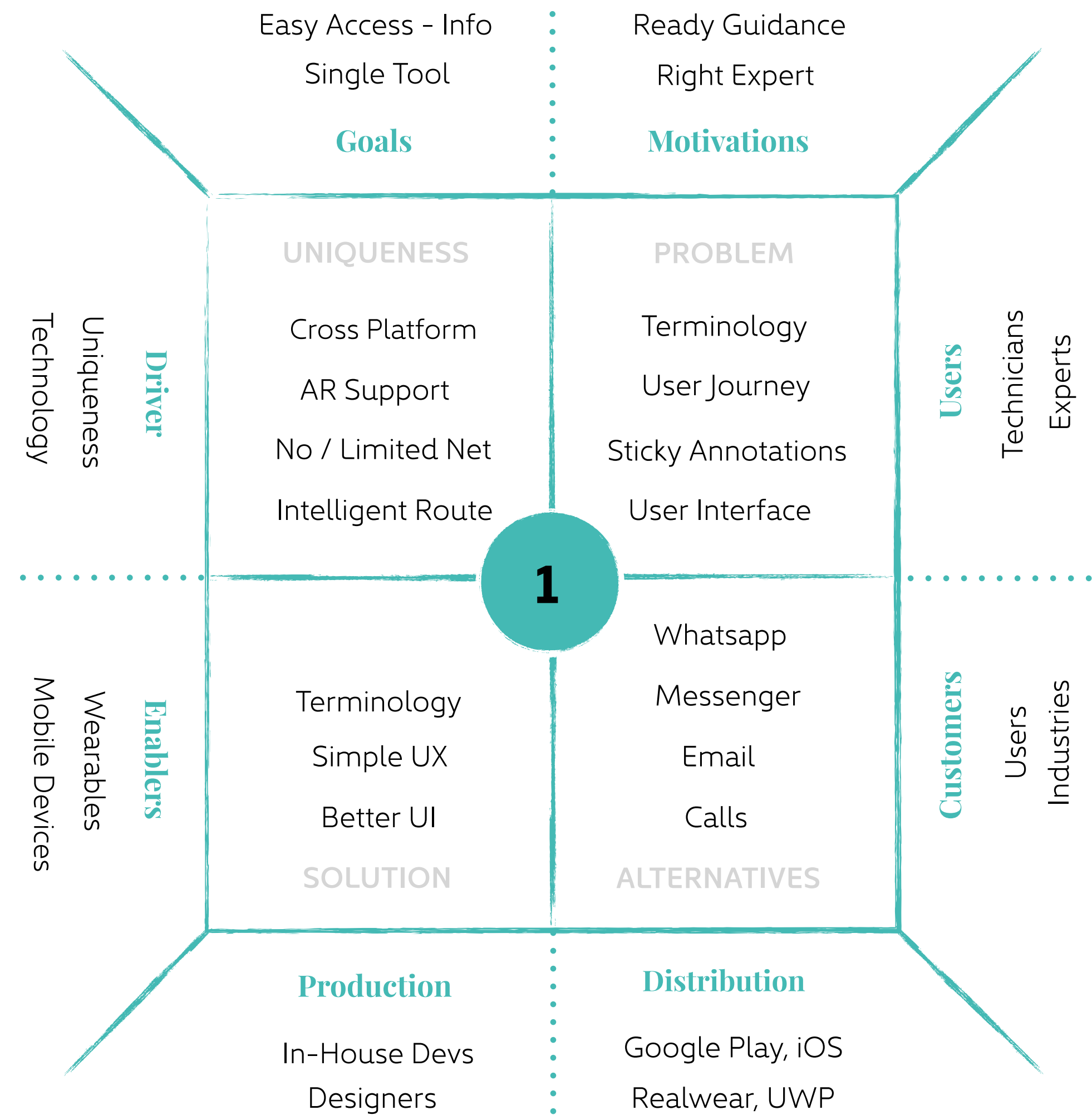
AR & VR Economic Impact 2020



Remote



Gordon, K. (2019, March 14). Augmented Reality (AR) - Statistics & Facts. Retrieved July 7, 2019, from <https://www.statista.com/topics/3286/augmented-reality-ar/>
Nguyen, T. H., & Blau, B. (2018, January 5). Competitive Landscape: Augmented Reality Tools for Enterprise, 2018 [PDF]. Connecticut: Gartner Inc.
Makarov, A. (2019, April 04). 9 Augmented Reality Trends to Watch in 2019-2020: The Future Is Here. Retrieved July 7, 2019, from <https://mobidev.biz/blog/augmented-reality-future-trends-2018-2020>



“Only an **ecosystem** can help provide a **seamless user experience!** “

“We have to provide a **consumer based Experience!** “

“**UX** and **UI** of a product are of **highest priority** as they help fix technical Problems! “

“Its is **absolutely essential** that we get the **usability right** making it easy and efficient! “

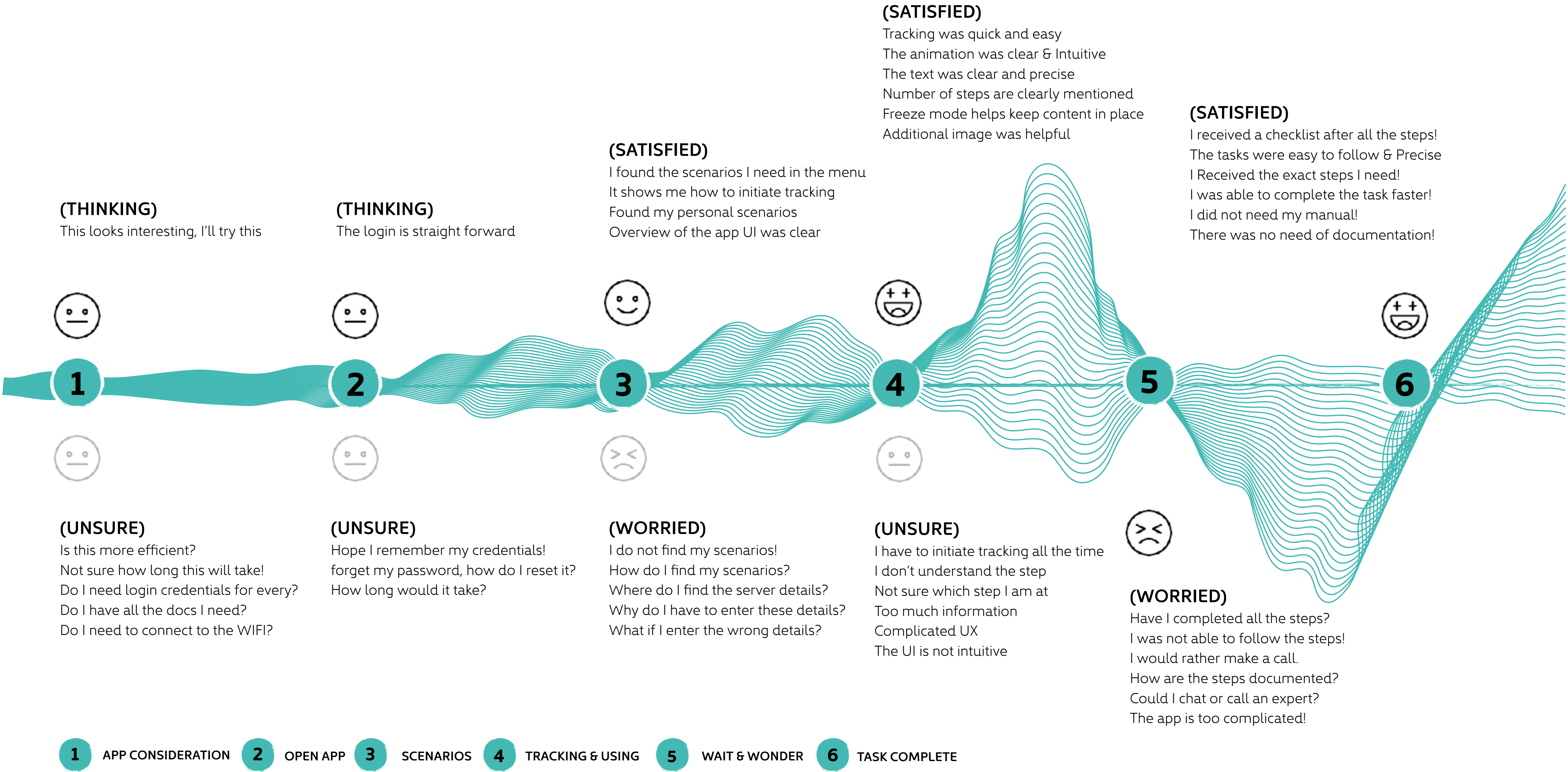
“We need to **understand** the **clients use cases** in-order to provide a **standardised solution!** “

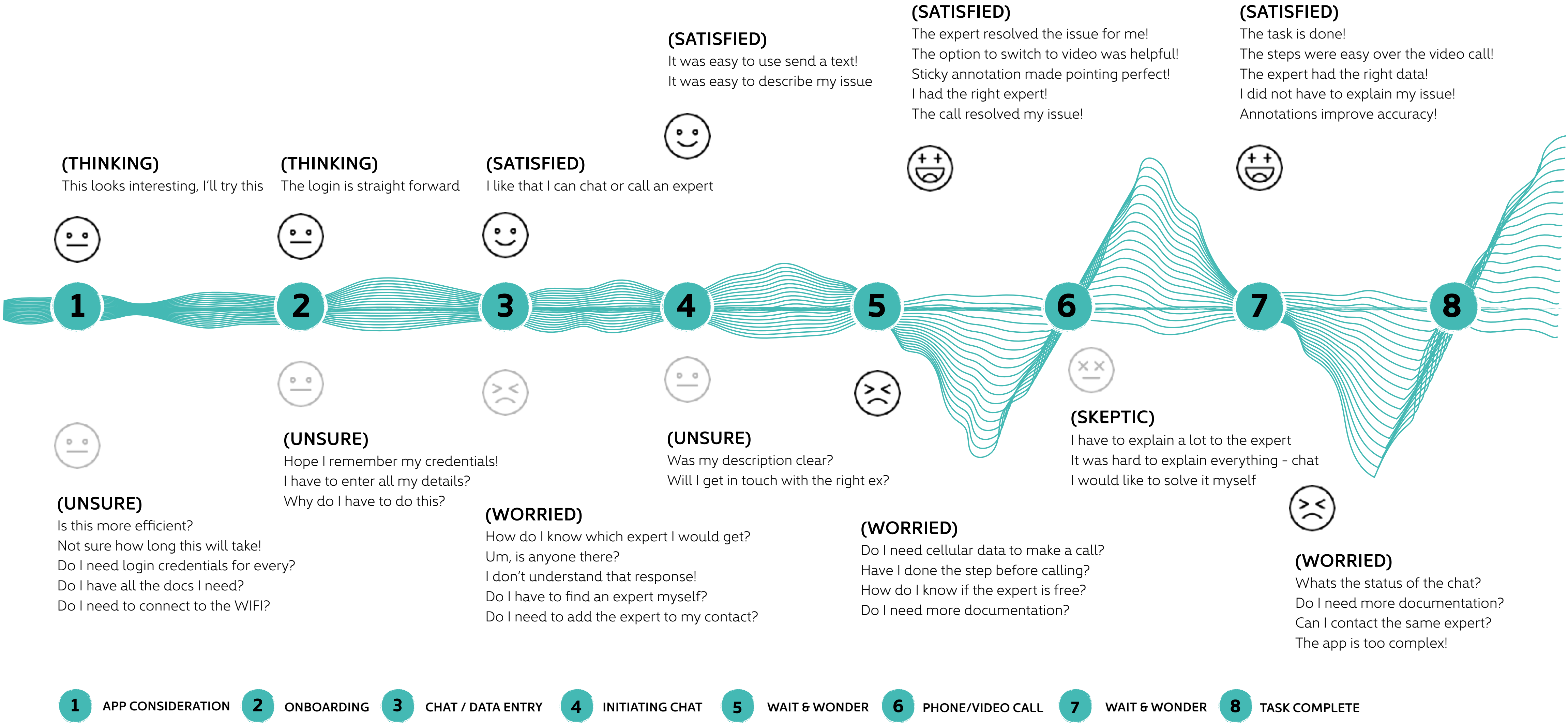


John Doe
Senior Technician



Bane Doe
Junior Technician

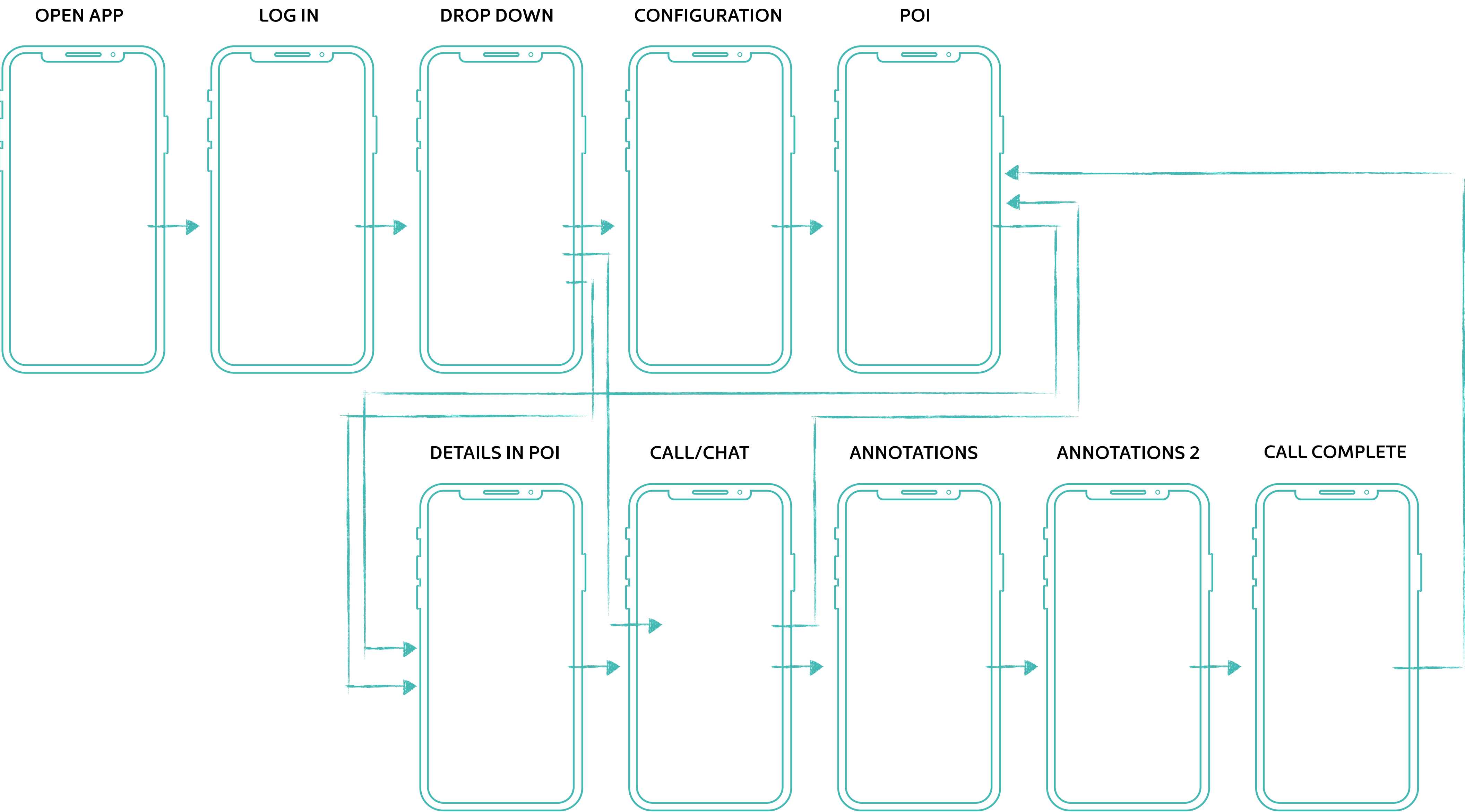




How do we provide a Seamless User Experience whilst bringing both the products together?

- Vision Before and After
- Identifying user needs
- Idea Generation
- Elaborate Ideas
- Create Concepts



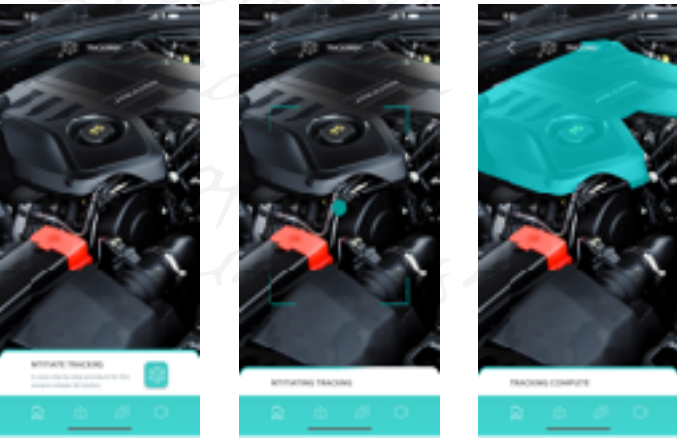


MOBILE - iPHONE - DRAFT 1

ONBOARDING



TRACKING



STEP-BY-STEP



CHAT



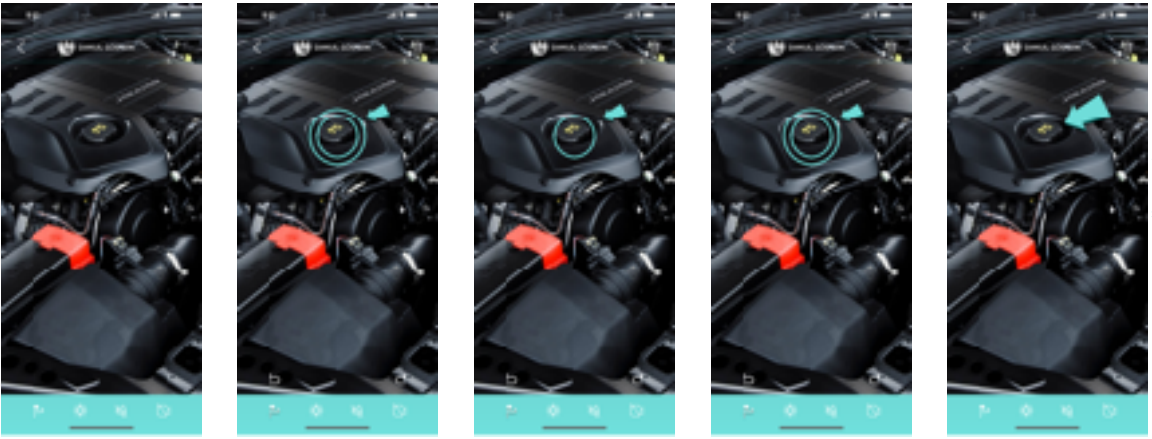
FEEDBACK



3D/VR MODE

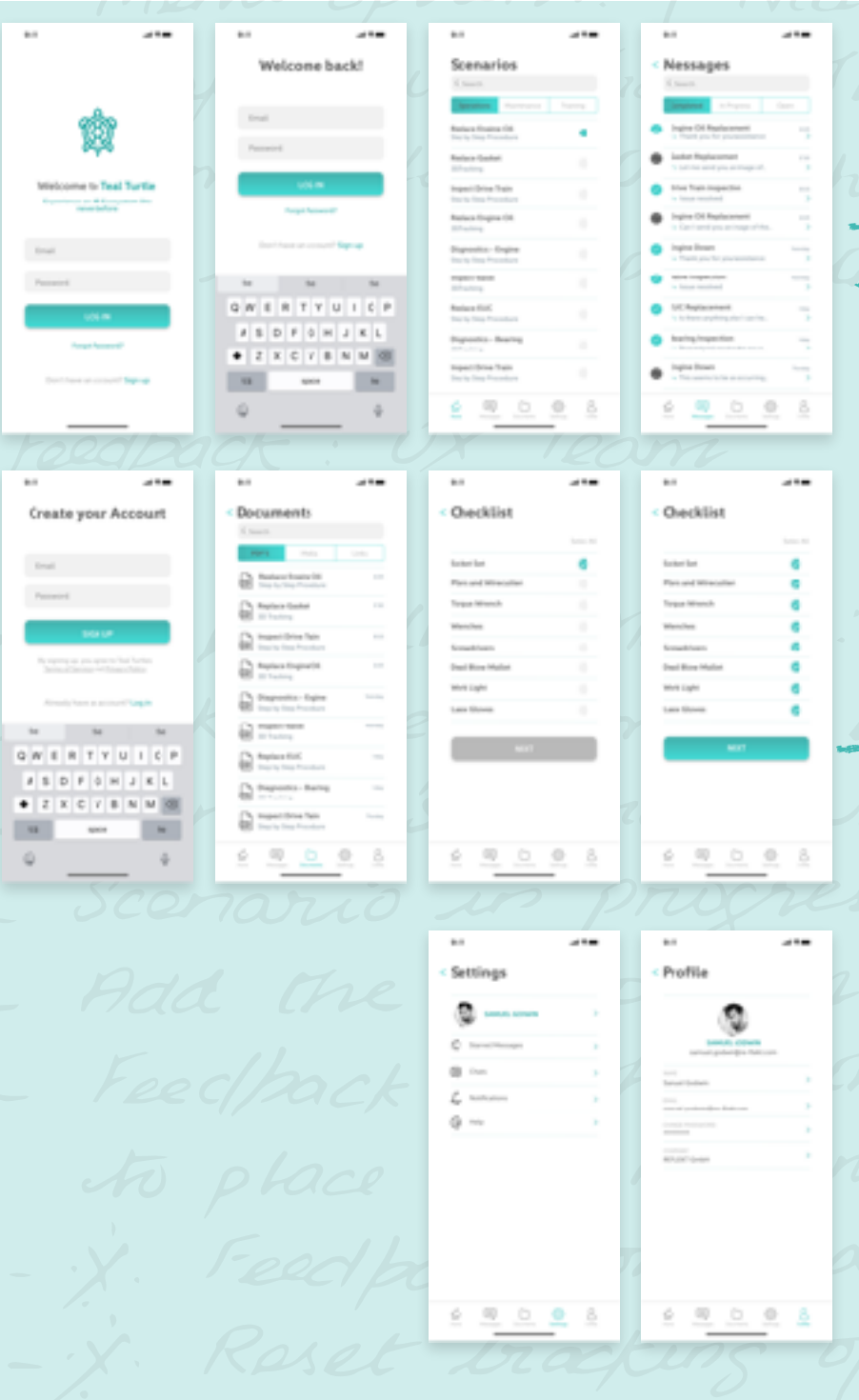


VIDEO CALL & ANNOTATIONS

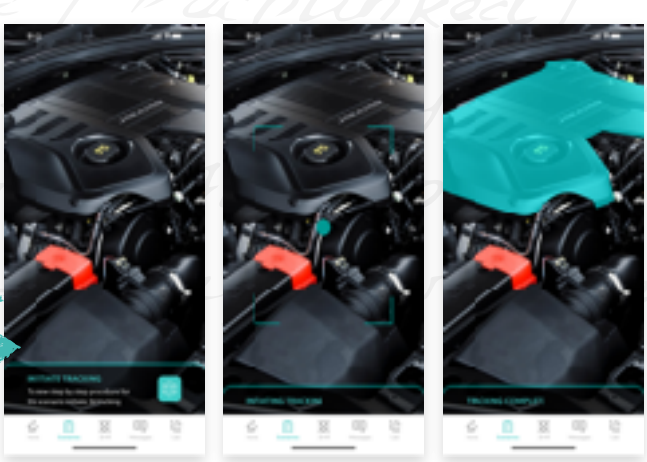


MOBILE - iPHONE - FINAL

ONBOARDING



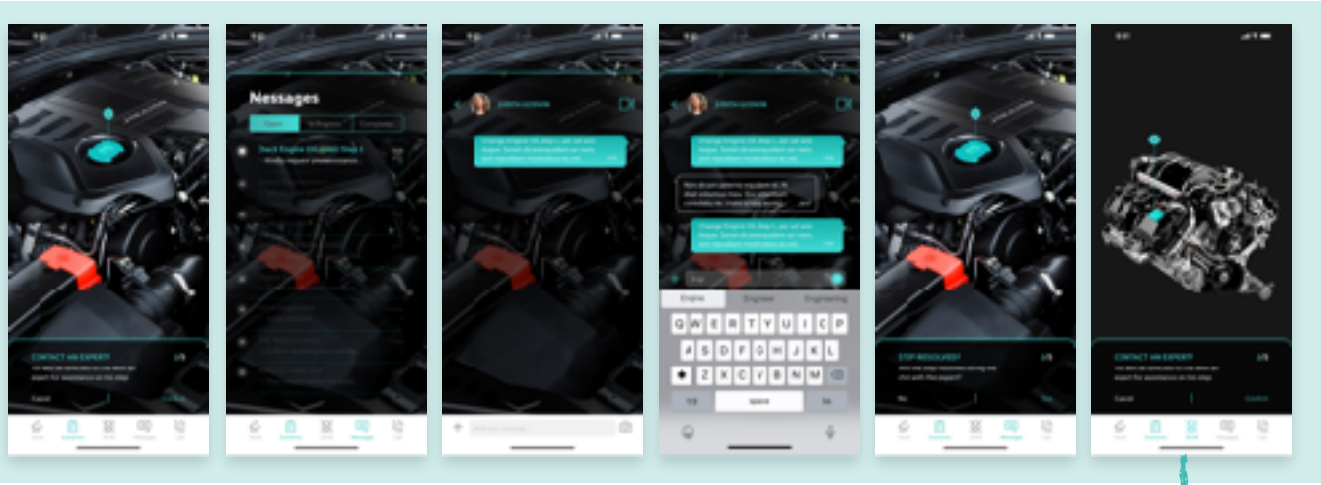
TRACKING



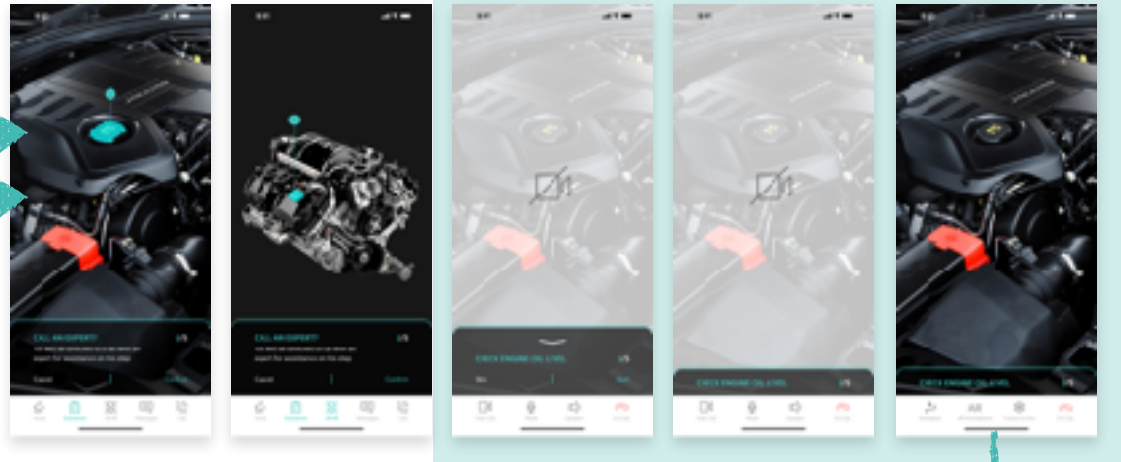
STEP-BY-STEP



CHAT



AUDIO & VIDEO CALL

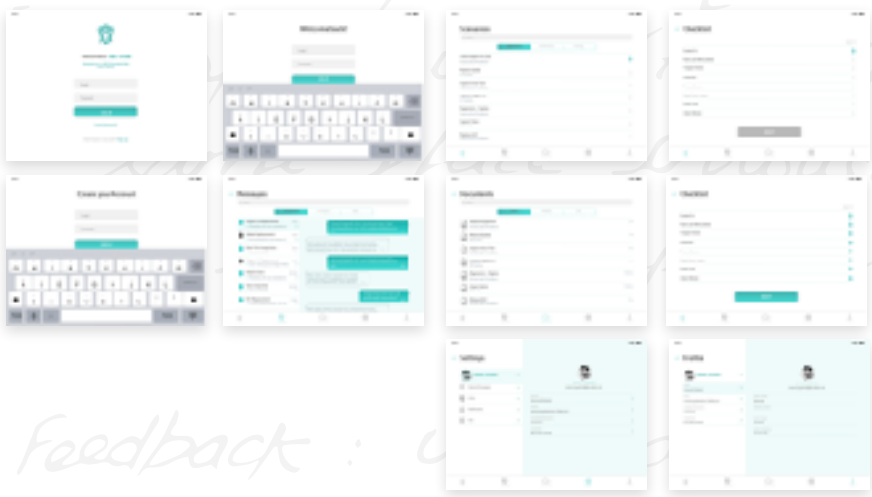


ANNOTATIONS & AR ANNOTATIONS



TABLET - iPad - FINAL

ONBOARDING



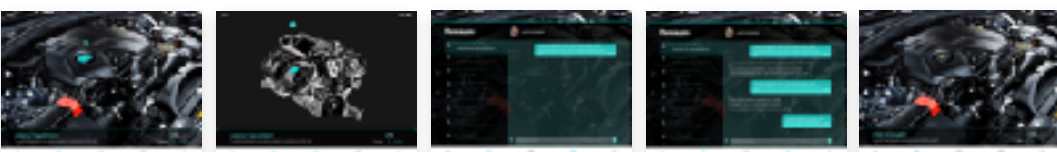
TRACKING



STEP-BY-STEP



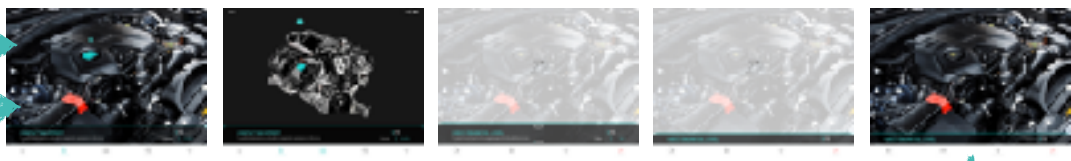
CHAT



3D/VR MODE



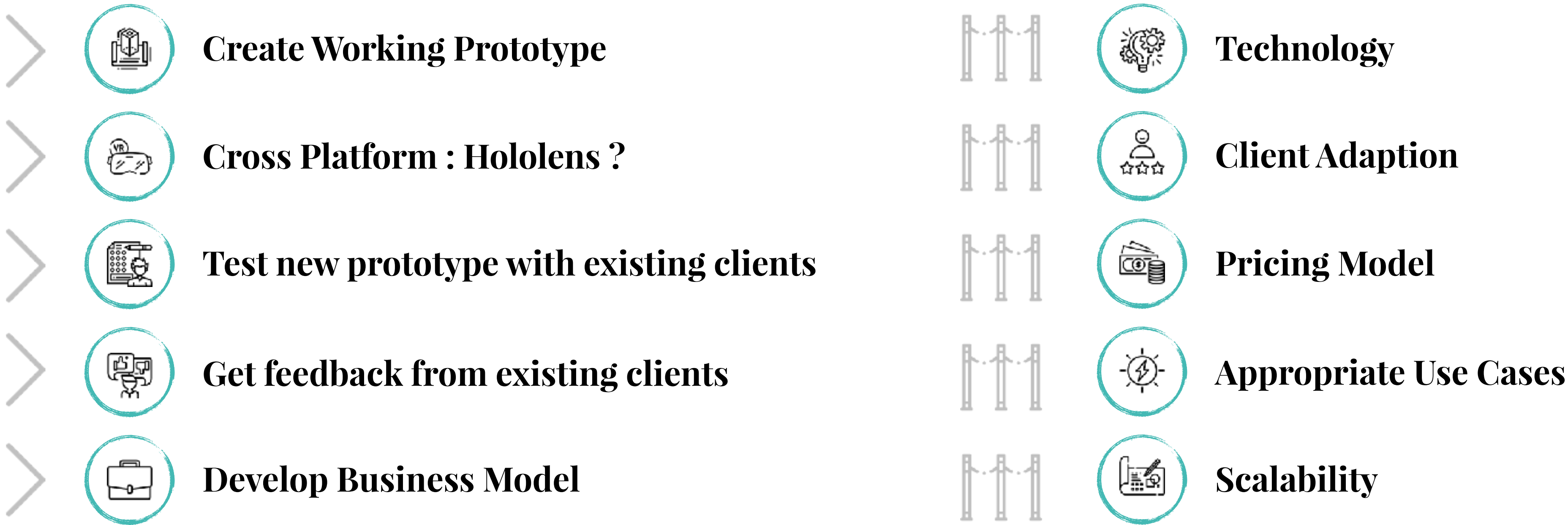
AUDIO & VIDEO CALL



ANNOTATIONS & AR ANNOTATIONS



- Feedback: Gary
- Steve & Macchi, Mortiz:
- Make the number bigger
 - Scenario's (change to scenario)
 - Scenario in progress
 - Add the video icon
 - Feedback to show that tap was made
 - to place the AR annotations
 - X Feedback on tracking
 - X Reset tracking option
 - X Guide the user for tracking.



- 1 Sense Intent** - Identify the relevance of the topic
- 2 Know Context** - Detailed analysis of the existing products - Problems & Solutions
- 3 Know People** - Jobs to be done - Pain Points - Identify users
- 4 Frame Insights** - Examine existing products - Define user needs - Create concepts
- 5 Explore Concepts** - Combine the UX of two products
- 6 Frame Solutions** - Realise the UX & UI of new product - Importance of feedback
- 7 Realise Offerings** - Limitations & Next Steps

Thank You !