Augmented Reality DESIGN & UX

Welcome

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UX&UI

A crash course overview

"You cannot understand good design if you do not understand people."

Dieter Rams



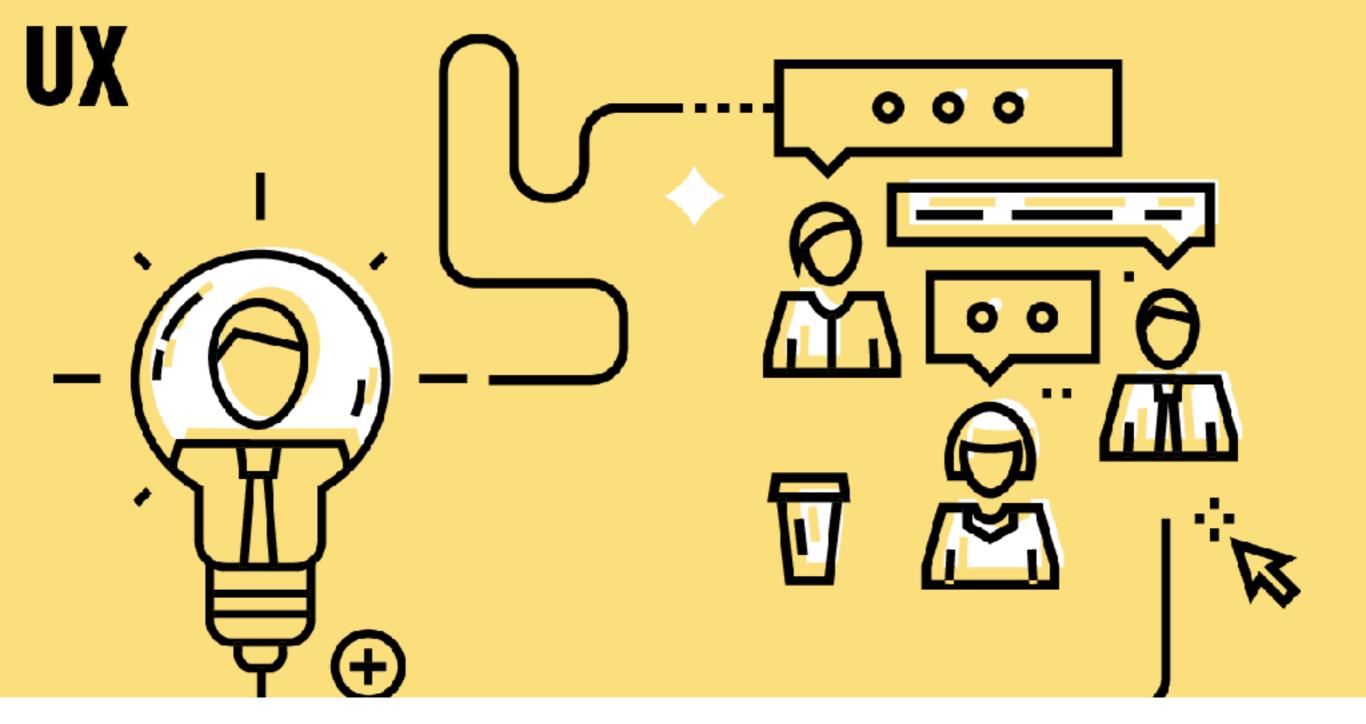
What is the difference between UX & UI?











User Experience

Strategy and Content:

- Competitor Analysis
- Customer Analysis
- Product Structure/Strategy
- Content Development

Wireframing and Prototyping:

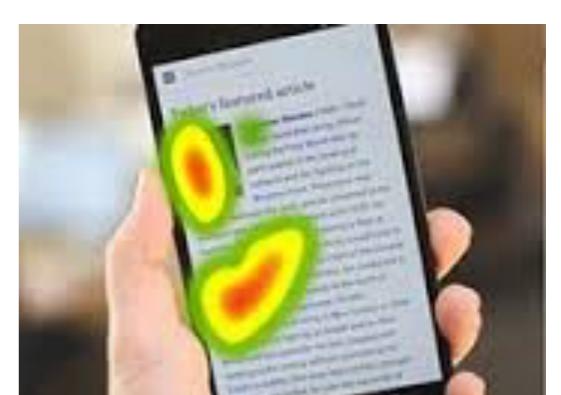
- Wireframing
- Prototyping
- Testing/Iteration
- Development Planning

Execution and Analytics

- Coordination with UI Designer(s)
- Coordination with Developer(s)
- Tracking Goals and Integration
- Analysis and Iteration





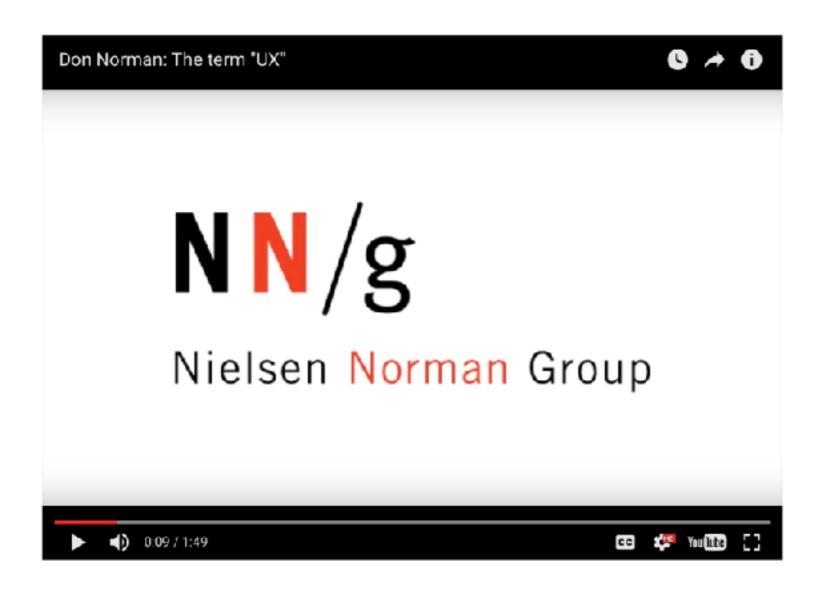


User Experience

- User Experience Design is the process of development and improvement of quality interaction between a user and all facets of a company.
- User Experience Design is responsible for being hands on with the process of research, testing, development, content, and prototyping to test for quality results.
- User Experience Design is in theory a non-digital (cognitive science) practice, but used and defined predominantly by digital industries.

https://careerfoundry.com/en/blog/ux-design/the-differencebetween-ux-and-ui-design-a-laymans-guide/

User Experience



https://www.nngroup.com/articles/definition-user-experience/



Transference of a product's development, research, content and layout into an attractive, guiding and responsive experience for users

User Interface

Look and Feel:

- Customer Analysis
- Design Research
- Branding and Graphic Development
- User Guides/Storyline

Responsiveness and Interactivity:

- UI Prototyping
- Interactivity and Animation
- Adaptation to All Device Screen Sizes
- Implementation with Developer







User Interface

- User Interface Design is responsible for the transference of a brand's strengths and visual assets to a product's interface as to best enhance the user's experience.
- User Interface Design is a process of visually guiding the user through a product's interface via interactive elements and across all sizes/platforms.
- User Interface Design is a digital field, which includes responsibility for cooperation and work with developers or code.

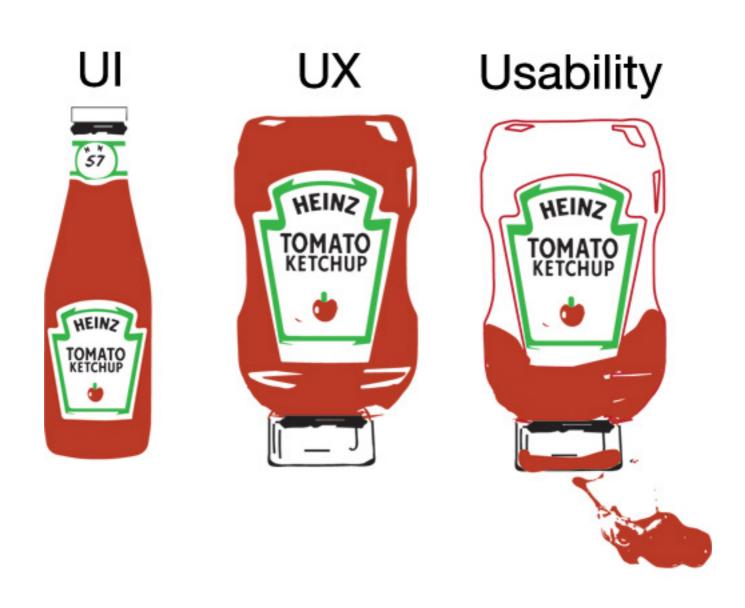
"The point of an effective interface, whether for a computer or a doorknob, must begin with an analysis of what a person is trying to do rather than with a metaphor or a notion of what the screen should display.

Don Norman



www.interaction-design.org

Usability



"The joy of an early release lasts but a short time. The bitterness of an unusable system lasts for years."

Unknown

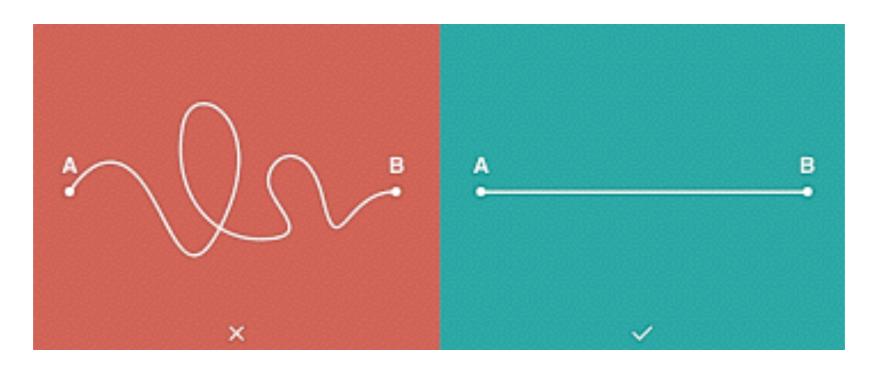


www.interaction-design.org

Usability



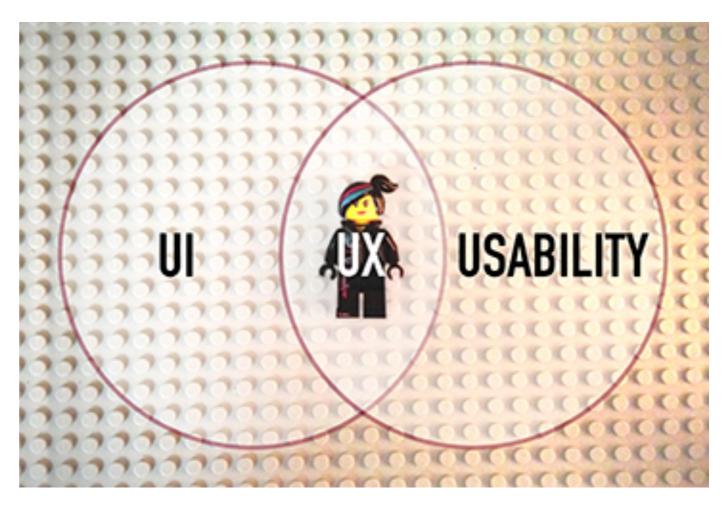




Usability



- Learnability
- Efficiency
- Memorability
- Errors
- Satisfaction



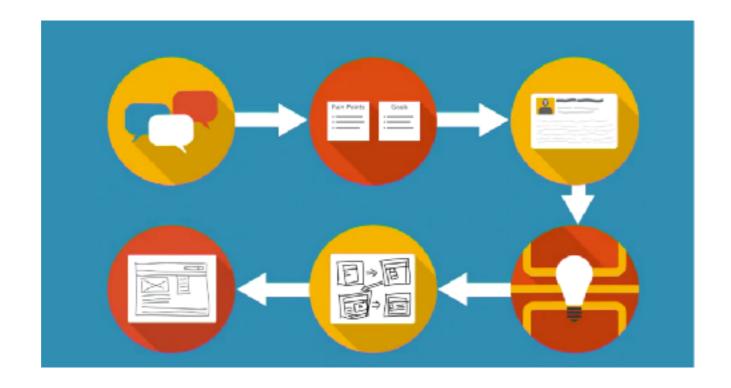
"Design's fundamental role is problem solver."

Fast Company



UX

User Research, Design, Testing, and Implementation



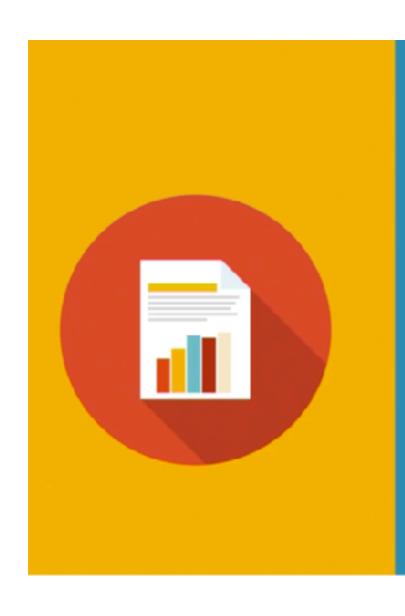
Process

USER EXPERIENCE TECHNIQUES

- Gather and analyze user data
- Create personas
- Ideation techniques
- Scenarios and storyboarding
- Paper prototype design and testing
- Plan your development cycle

Data driven

PAIN POINTS GOALS METRIC: I KNOW WHO TO REPORT WHICH ON'T KNOW WHO TO REPORT AWARENESS T ISSUES TO, AND WHEN PAIL ISSUES TO-(15) DON'T KNOW HOW TO REPORT-(8) I CAN EASILY AND SUCCESSFULLY PEPORT ISSUES DON'T KNOW HOW TO LEARN HOF ABANDONED REPORT I CAN EASILY ACCESS CURRENT BOUT TRAIL CONDITIONS-00(7) TRAIL INFO SATISFACTION WITH SUBM HALLENGING TO GET TOOLS - I & CAN ACQUIRE AND PROCESS + AND VOLUNTEERS-(6) MAINTAIN TOOLS · # OF NEW USERS + I CAN ACQVIRE AND RETAIN VOLUNTUERS - USER CHURN + (ENGOS - TIME TO FIND &



Data Sources from Your Company

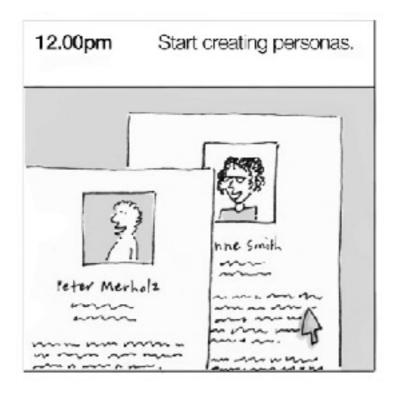
- Field visits
- Market research
- Segmentation studies
- Metrics and log files
- Helpdesk calls

Problem Statment

- Human-centered
- Broad enough for creative freedom
- Narrow enough to make it manageable

Research on User

their behavior, goals, motivations, and needs



Creating Personas

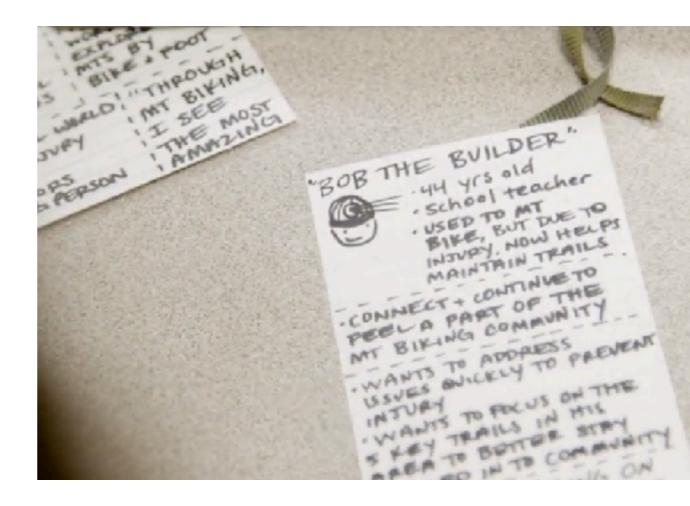
Who is your user?

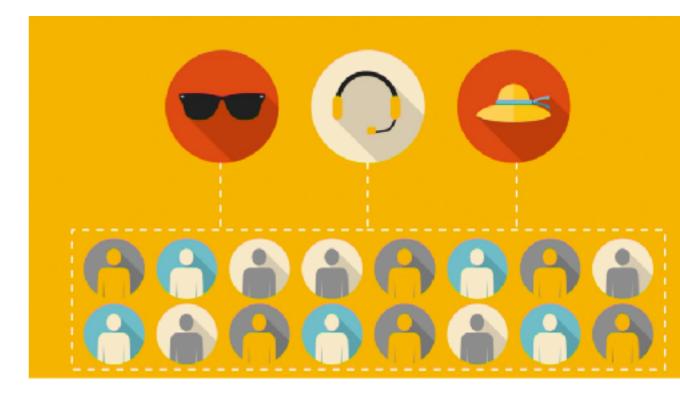
Personas

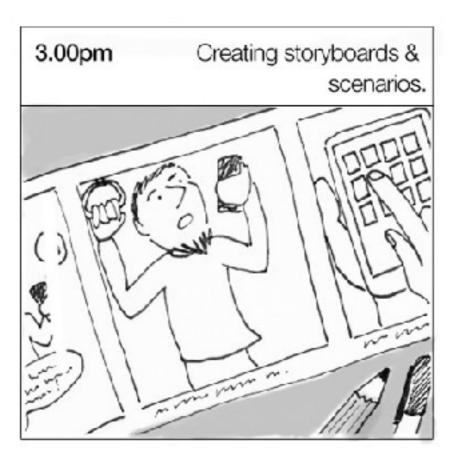
What are they?

Personas are imaginary, yet realistic and detailed descriptions of the users of your product.

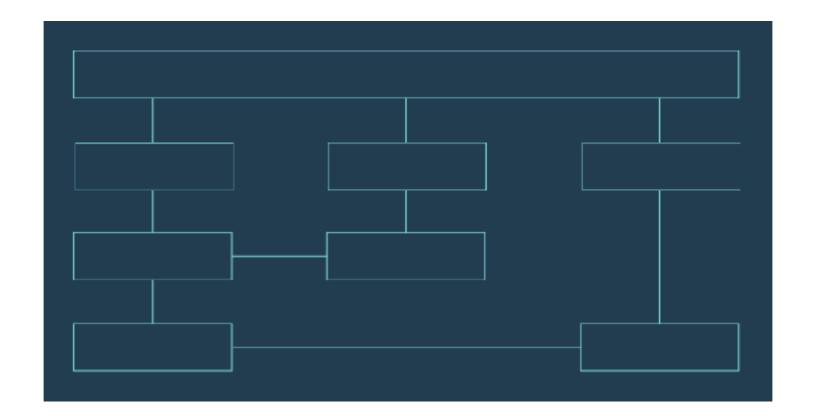
concentrating many pieces of user data into key focused, believable descriptions of your primary audience







Scenerios



Information Architecture

"Confusion and clutter are the failure of design, not the attributes of information."

Edward Tufte

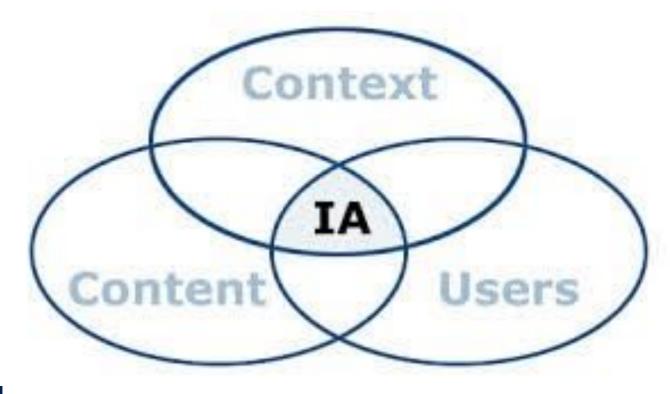


Information Architecture

- 1. Show Hierarchy
- 2. Group Content
- 3. Visualize Path



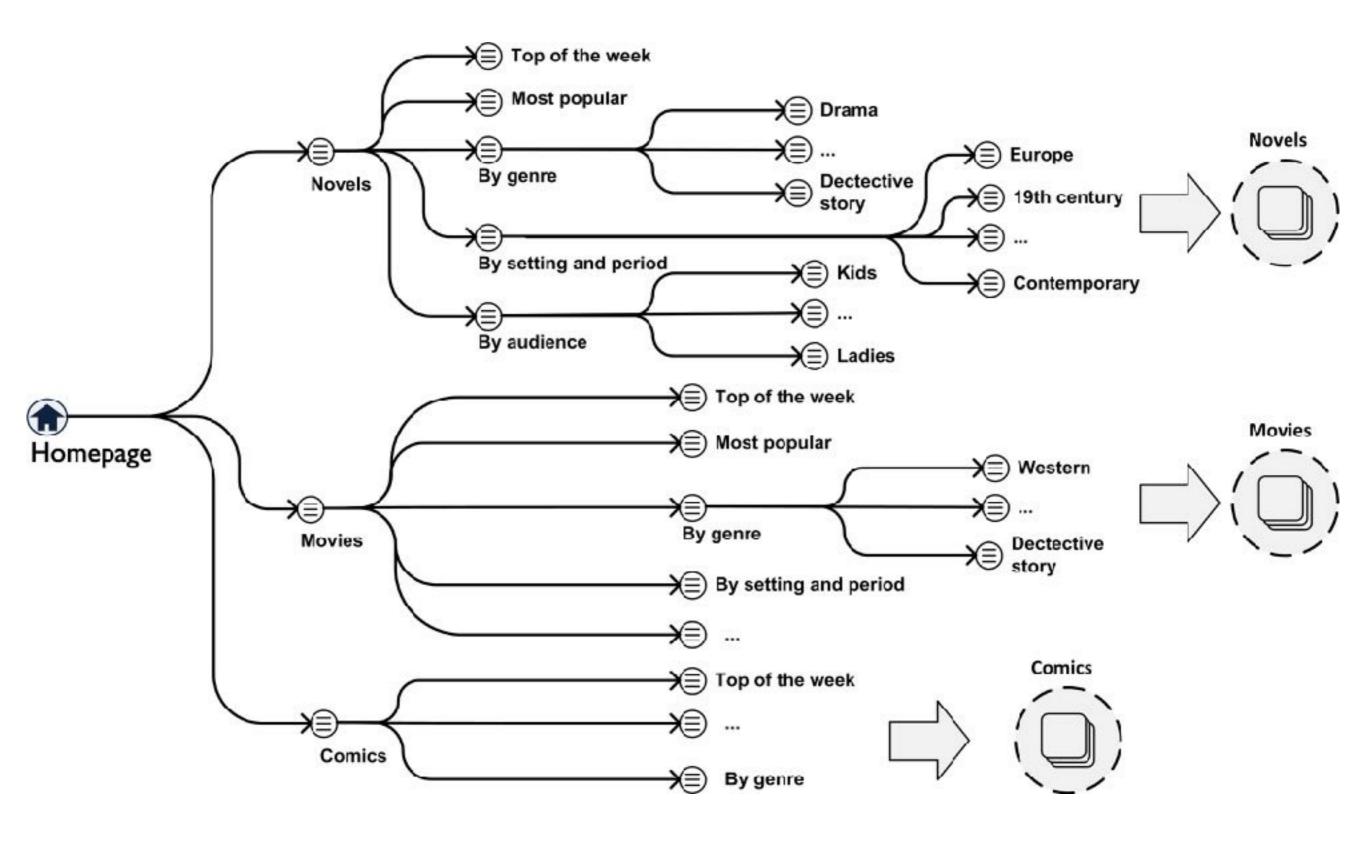
Information Architecture



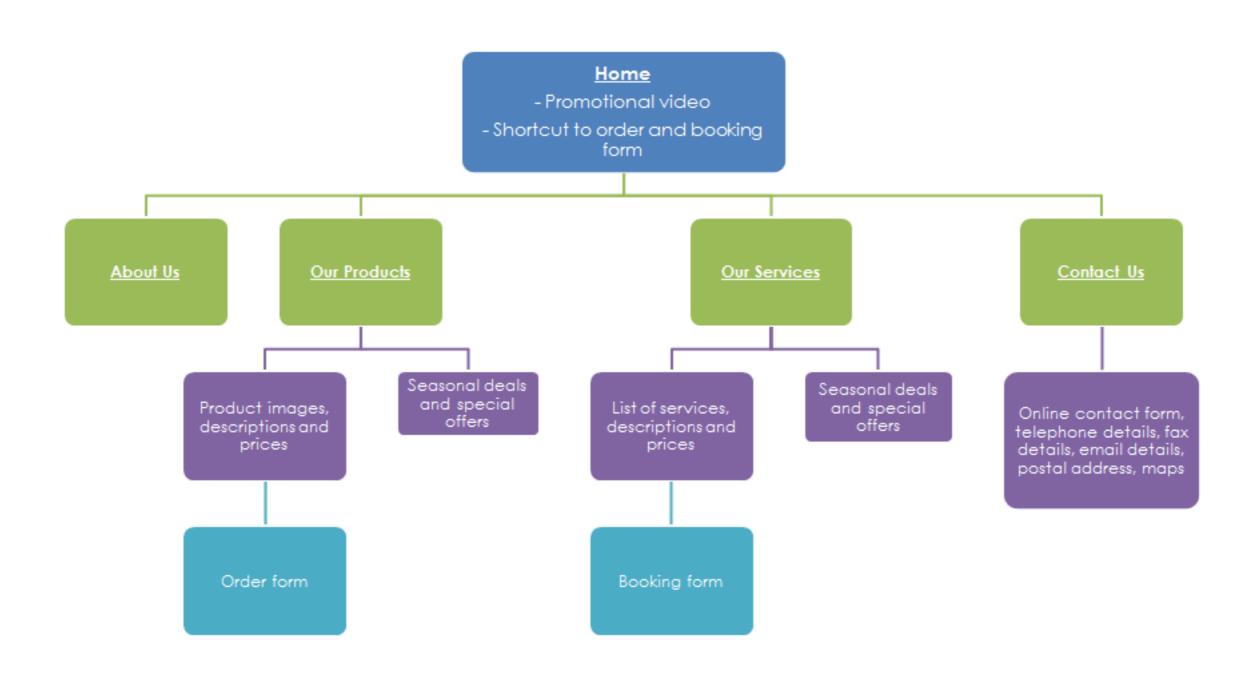
When planning your site's information architecture, you want to determine:

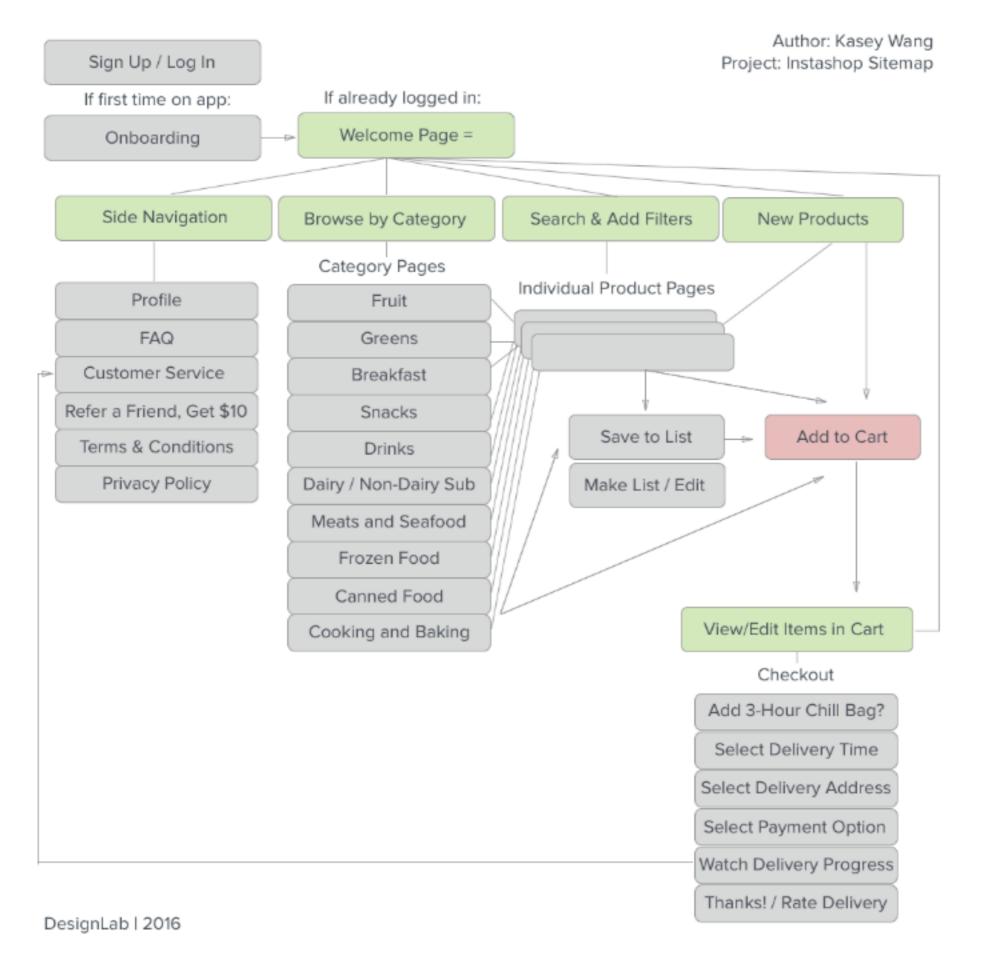
- 1. What are the most important pages that you want your visitors to always be able to access while navigating your site ("top level" pages)?
- 2. Do these "top level" pages have child pages that you would like to include on the navigation as well?
- 3. Do these child pages contain another level of pages?

Site Architecture

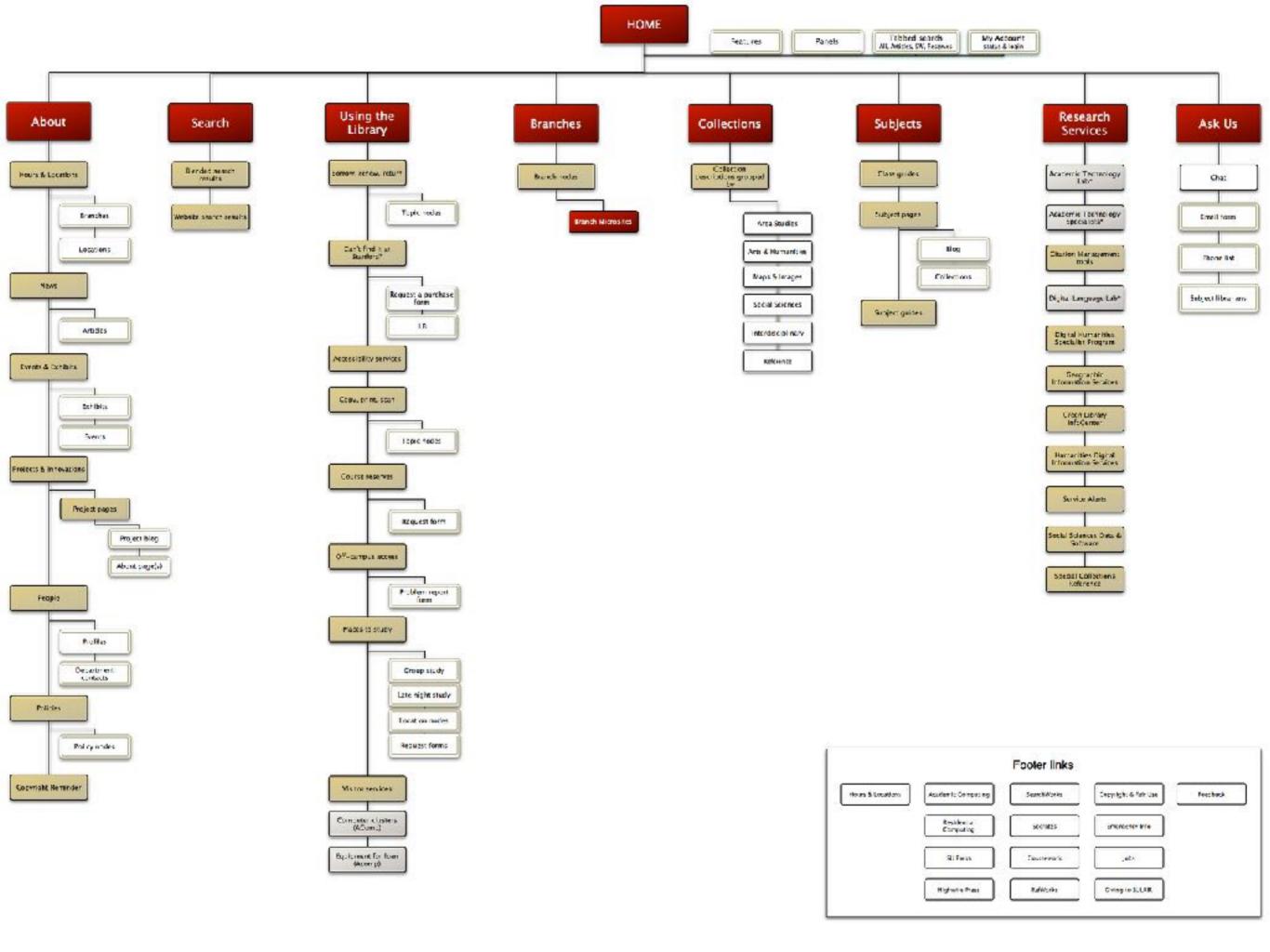


Site Architecture

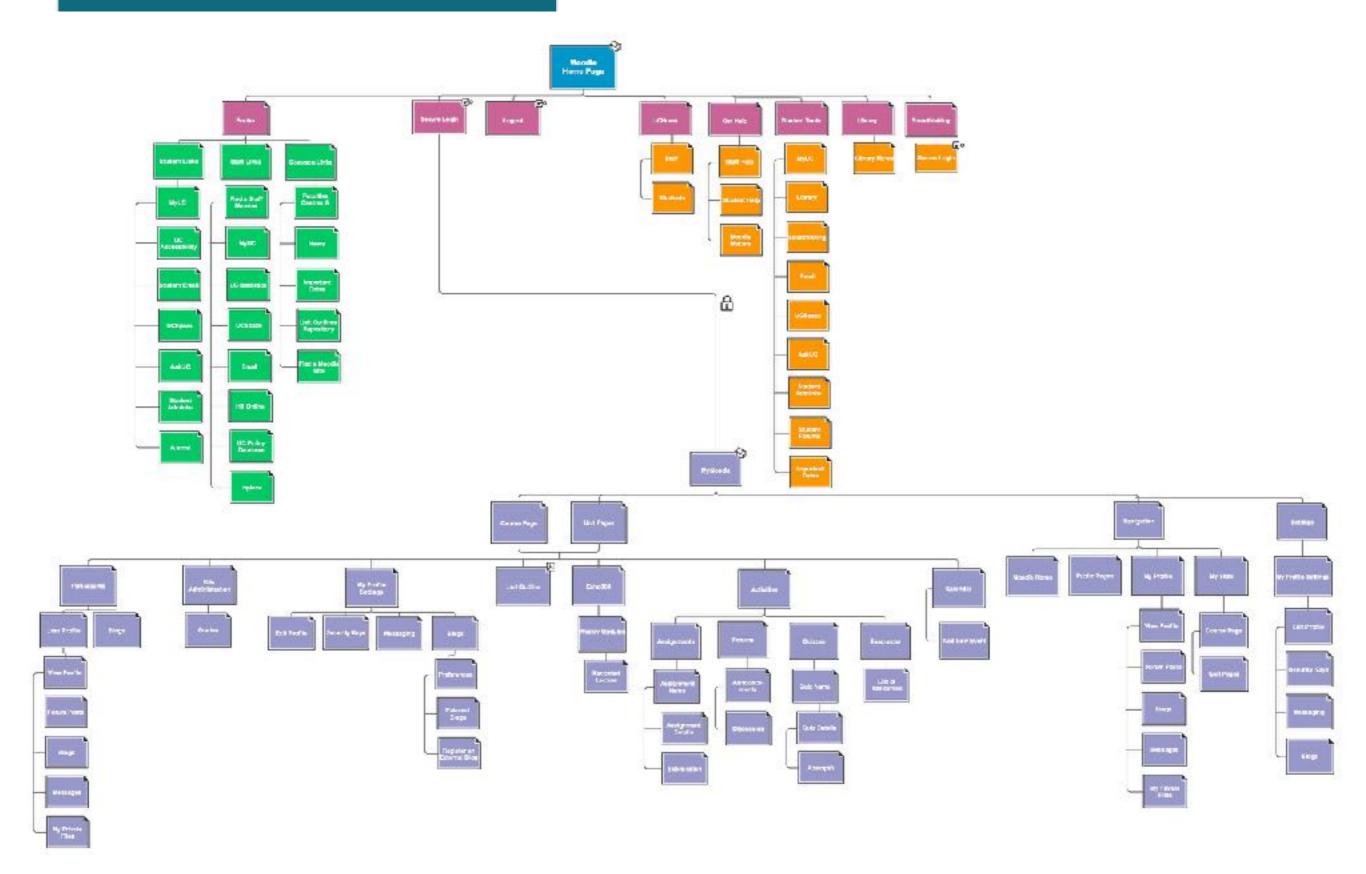




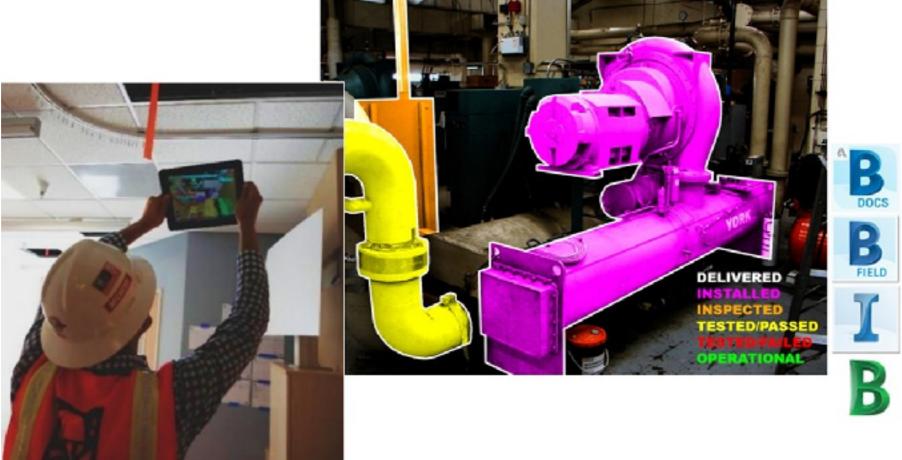
Sitemap project for DesignLab 2016 by Kasey Wang. The diagram also includes some aspects of User Flow.

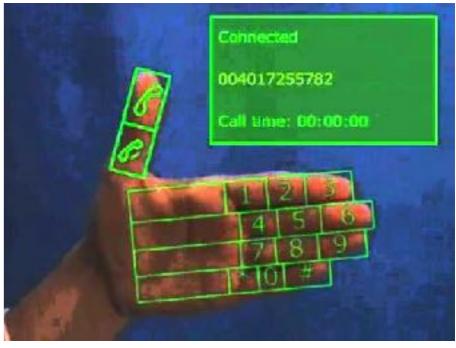


IA



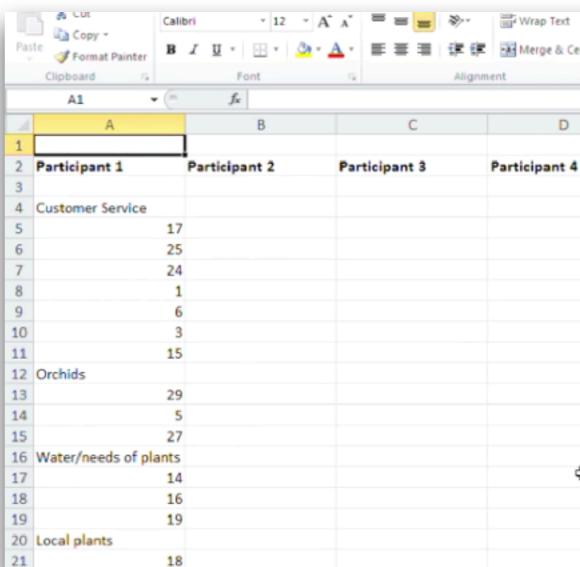
IA in 360

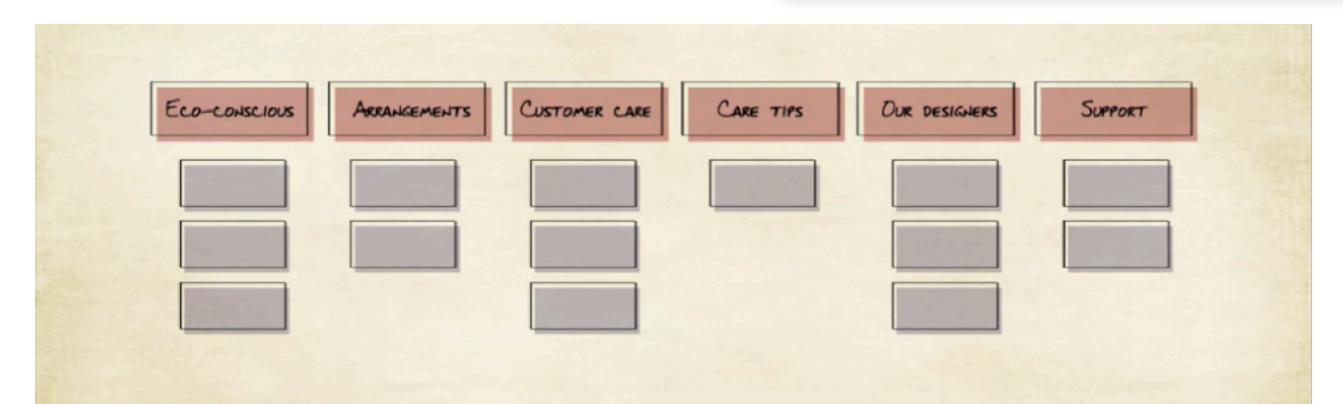




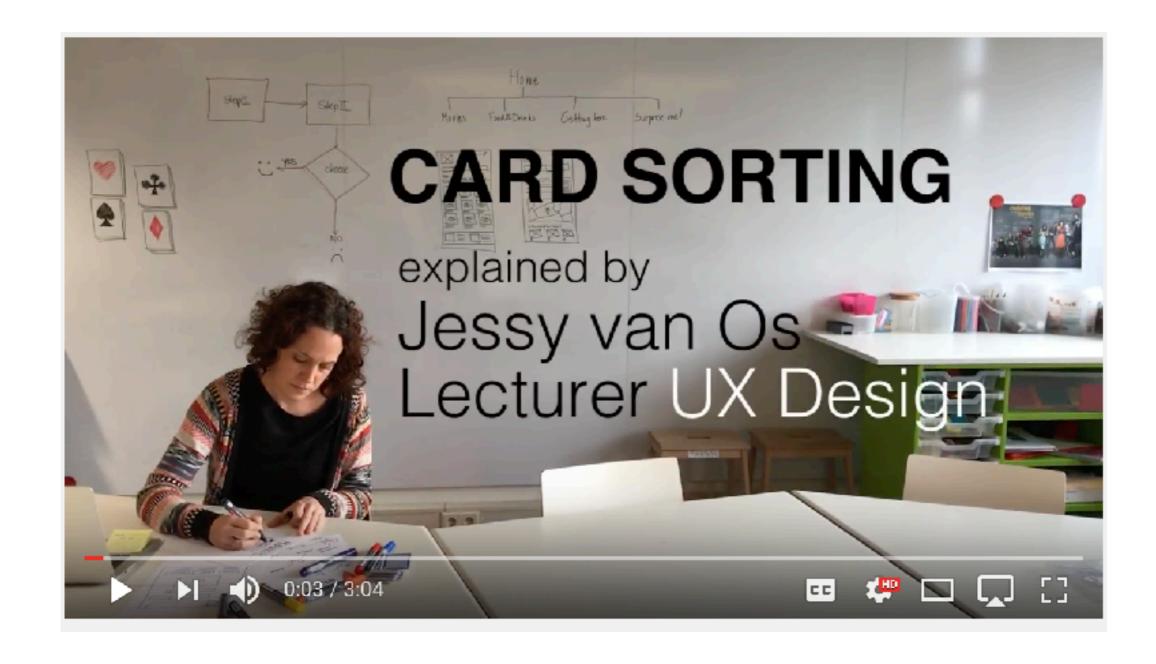
Card Sort



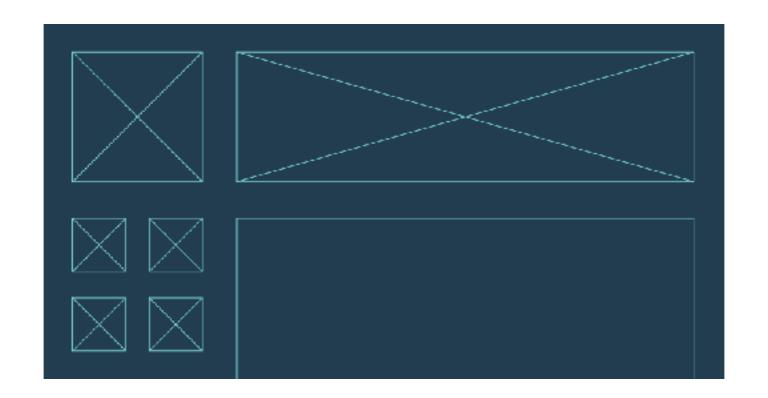




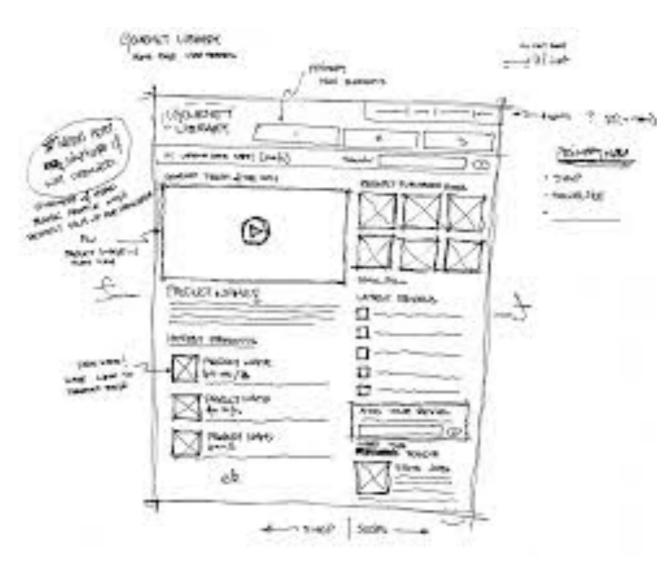
Card Sort



https://www.youtube.com/watch?v=6RhFN6cul3w

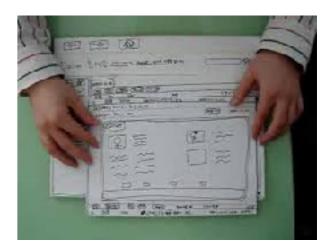


Creation of low fidelity wire frames









(paper prototyping)

Navigational task list



Basic user test for navigation flow and architecture

Design high fidelity prototype

(based on customer research or preference testing, Possible AB testing if needed.)

User testing

(observation, recording, talk aloud procedure, exit survey)

"People ignore design that ignores people"

Frank Chimero



Iterations

(Re-test and Launch)

Preventing ERRORS

- Constraint (better labeling so ppl know where to click)
- Visibility (Larger hit area for everything, more contrasting colors)
- Simplicity (simplify by adding clearer meaning (two scan btn???))
- Consistency
- Provide back BTN for errors

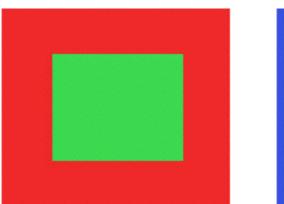
Principles of User Interface Design

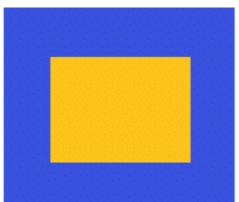
There are three fundamental principles involved in the use of the visible language.

- Organize: provide the user with a clear and consistent conceptual structure
- Economize: do the most with the least amount of cues
- Communicate: match the presentation to the capabilities of the user.

Button

Button





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Button

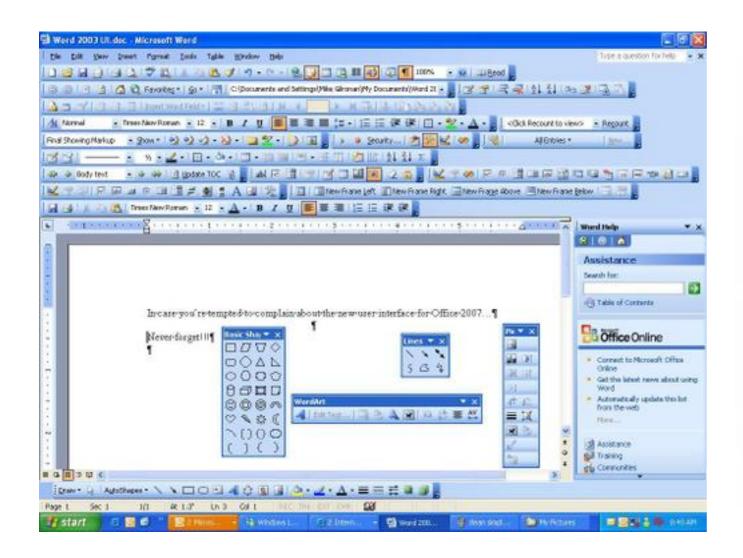
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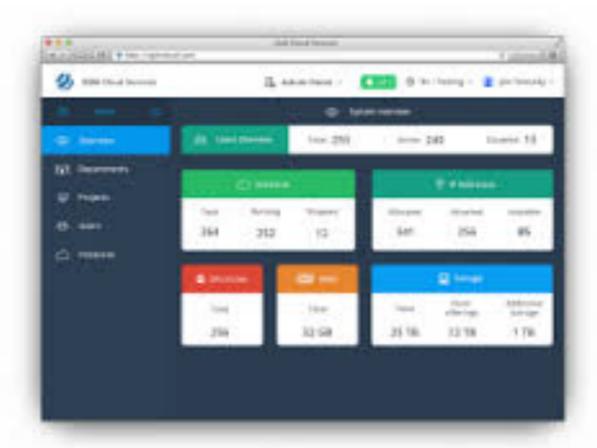
Button

Best Practices for Designing an Interface

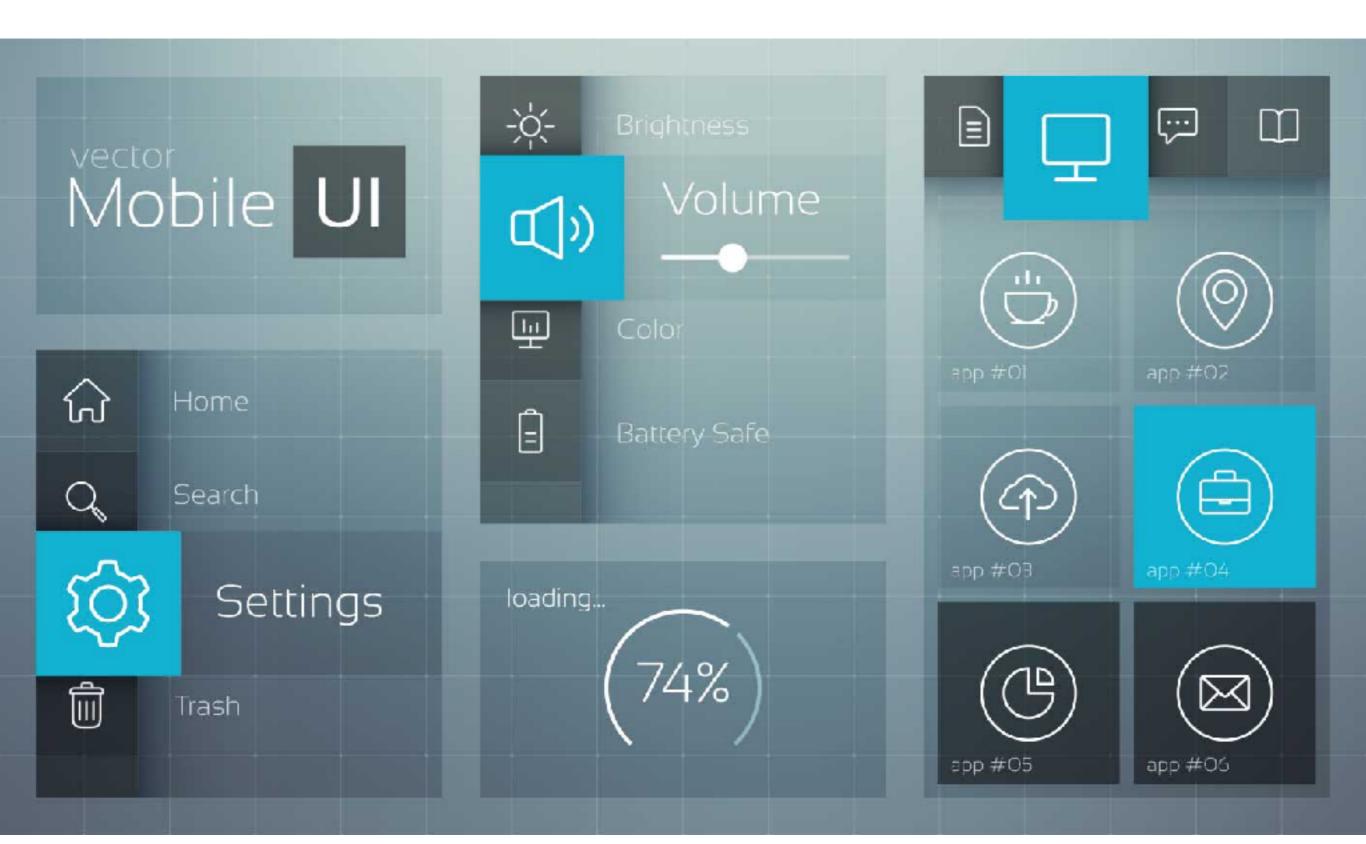
Everything stems from *knowing your users*, including *understanding their goals, skills, preferences, and tendencies*. Once you know about your user, make sure to consider the following when designing your interface:

Keep the interface simple.



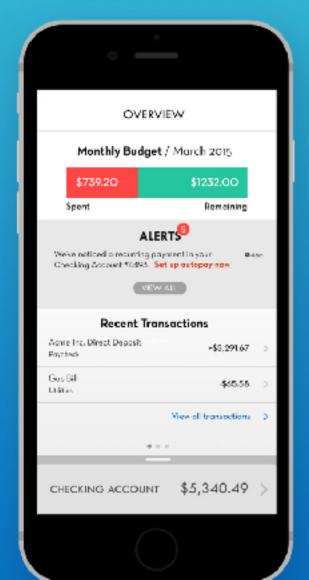


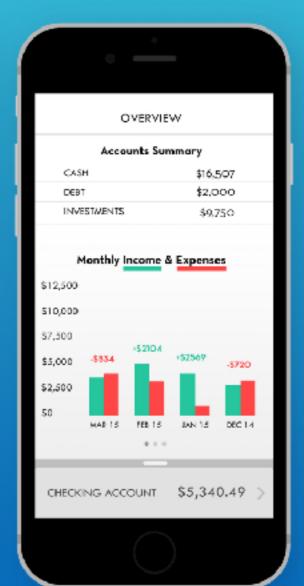
Create consistency and use common UI elements.

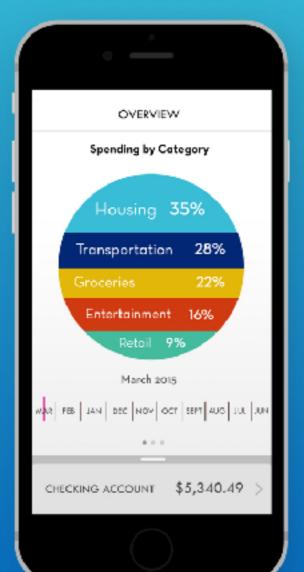


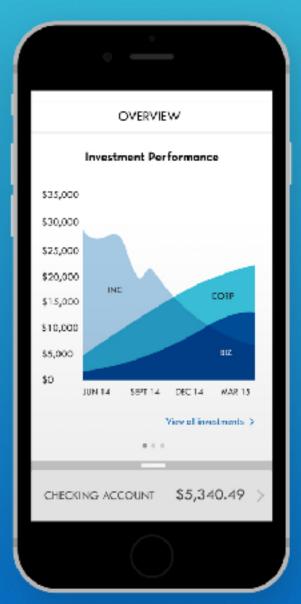
Be purposeful in page layout.

Strategically use color and texture.









Use typography to create hierarchy & clarity.

HOME

ABOUT

APPROACH

WORK

BLOG

CONTACT

BETTER THINKING

WITH AN UNDERSTANDING THAT COMES FROM OBSESSIVE ATTENTION TO DETAIL, OUR OUTSTANDING CREATIVITY BRINGS YOU AN EFFECTIVE, BESPOKE, PERFECTLY-DESIGNED RESULT.

O1/ DESIGN SIMPLICITY

This is the touchstone for everything we do. Clarity of design and simplicity of use produce the ideal combination of form and function that we specialise in our websites simply work better all round.

And that includes creating the perfect experience for your users no matter what device they're accessing your site through, whether it be a smartphone, tablet, or desktop computer.



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Català: Castellano



Joan Blanch Grau

T. 669 458 232 E. info@fruitablanch.com

Politica de privacidad De mans de pagés



Som una empresa familiar i Sense secrets estern orgullosos de ser-ho. A Fruita Blanch som hereus d'una llarga tradició agrària, perquè ens dediquem al conreu de la fruita dolça des de fa diverses generacions. A més, a casa sempre hem fet conserves de la fruita i les hortalisses dels nostres cultius, exclusivament per al consum familiar.

Ara, després d'una feina de recerca i recopilació de les receptes tradicionals de la nostra familia, ens hem decidit a compartir-les amb molta més gent. Perquè tothom que ho desitgi pugui gaudir dels sabors únics i cent per cent naturals que nosaltres coneixem tant bé.

I és clar, ho hem fet de l'única manera que sabem fer-ho: de forma completament artesana, fent servir només el fruit de les nostres terres, dedicant-hi tot el temps que cada procés demana i oferint al consumidor la qualitat més alta. Perquè el més important per a nosaltres és, com ho ha estat sempre, conservar la tradició.

Fa generacions que la familia Blanch ens dediquem al cultiu de la fruita dolça i a la seva comercialització. Estem arrelats a l'horta de Lleida, un floc privilegiat per a aquest cultiu que, pel seu clima fred i humit, confereix a la nostra fruita unes qualitats gustatives excel·lents.

Les nostres especialitats són les pomes, les peres, els préssecs i les nectarines.

Des de fa moits anys som coneguts per tothom com a Čal Camarasa. Però ara també, des que vam triar el cognom familiar com a marca de la nostra producció, se'ns coneix com a Fruita Blanch.

Les receptes L'elaboració La garantia

Make sure that the system communicates what's happening.



High Fives!

Your mail is in the send queue and will go out shortly.

Track your mailing's progress in reports

Think about the defaults.

THE 10 COMMANDMENTS OF USER INTERFACE DESIGN



Wireframing Prototyping

https://www.smashingmagazine.com/2016/06/picking-the-best-prototyping-software-for-your-project/

https://www.shopify.com/partners/blog/62745923-5-of-the-best-prototyping-tools-to-test-out-your-web-and-mobile-designs

https://www.sitepoint.com/tools-prototyping-wireframing/

P.O.P Prototyping on Paper https://marvelapp.com/pop/

free wire framing tools http://mashable.com/2010/07/15/wireframing-tools/#zcyH13wk2zqD

Activity

Think about a time that you have encountered poor usability. Describe the user experience to us

- What happened?
- Why was it poor usability?
- How could the user experience be improved?
- What sort of ethical issues could result from poor usability in this particular user experience?