



user experience map

**user experience map**

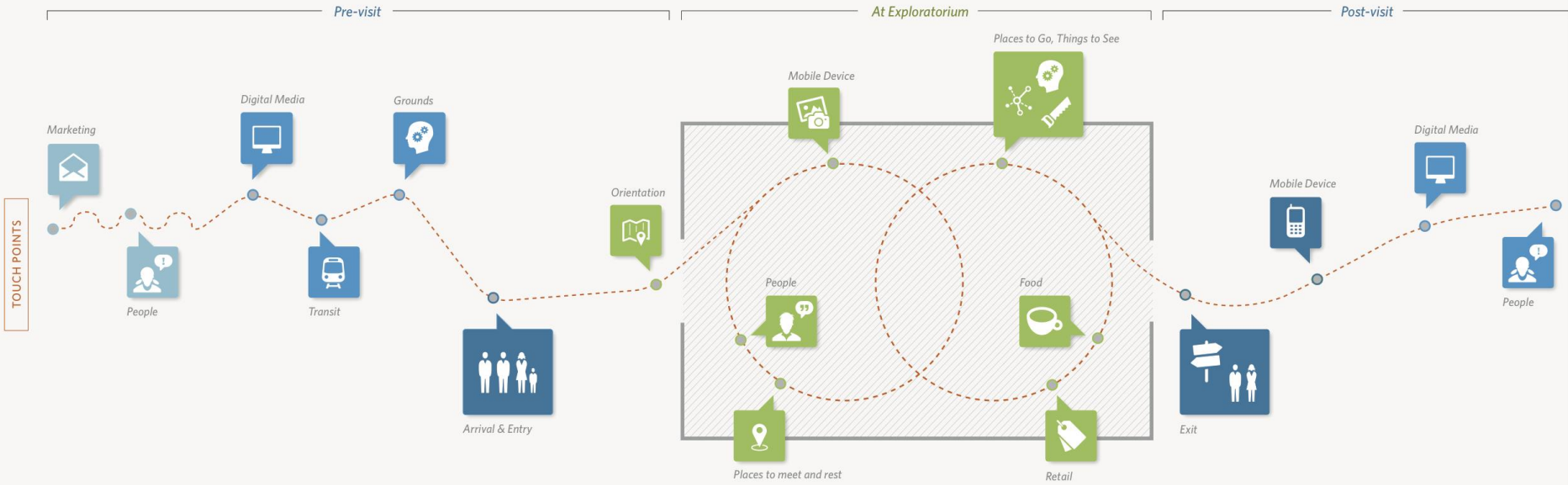
user journey map

customer journey map

brand experience map

# Exploratorium Visitor Experience Map

Where do you support the paths of different visitors?



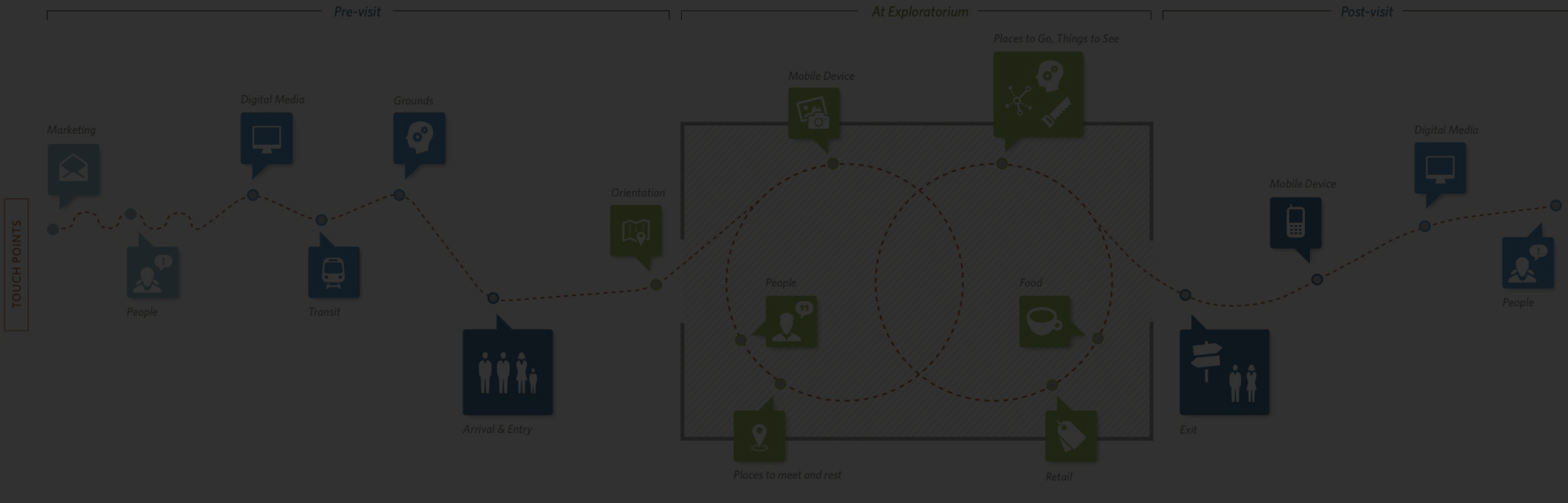
TOUCHPOINTS

VISITOR KEY MOMENTS

	GET THE IDEA	PLAN THE DAY	GET INSIDE	DO THE MUSEUM	WHAT'S NEXT	RETURN TO LIFE
<b>Local Adult</b>		<ul style="list-style-type: none"> <li>Rents a Zipcar</li> </ul>	<ul style="list-style-type: none"> <li>Needs to meet friends there</li> </ul>	<ul style="list-style-type: none"> <li>Seeks alcohol</li> <li>Buzzed and wants munchies</li> </ul>	<ul style="list-style-type: none"> <li>Wants to continue social activities for the night</li> </ul>	<ul style="list-style-type: none"> <li>Plans another date</li> </ul>
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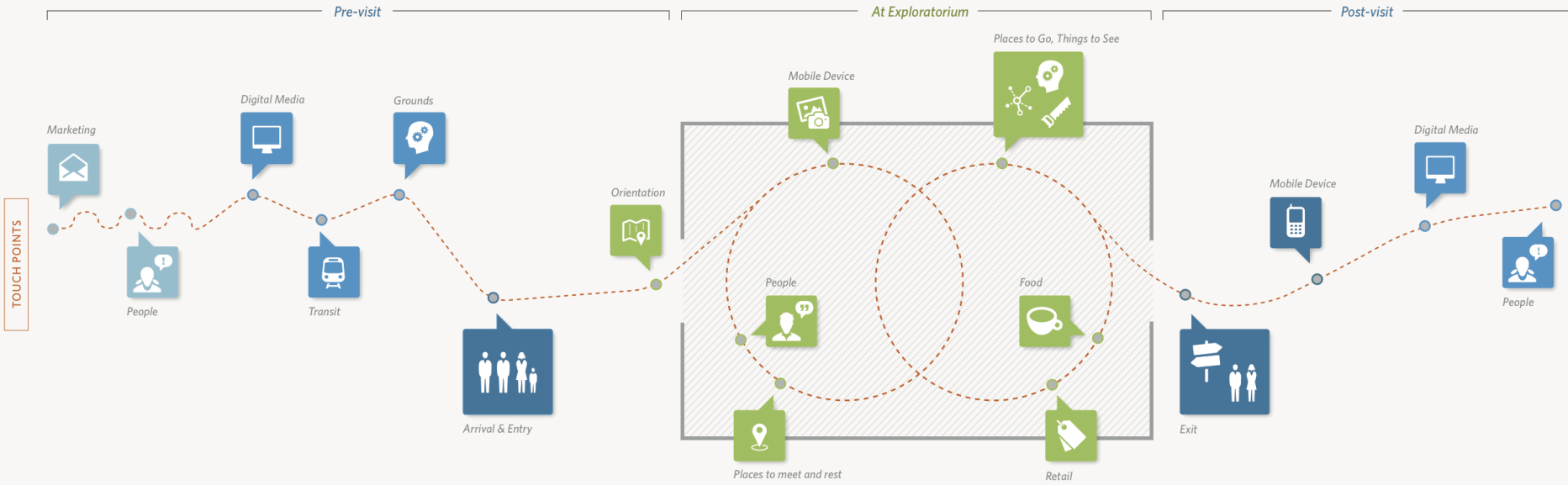
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VISITOR KEY MOMENTS

# Exploratorium Visitor Experience Map

Where do you support the paths of different visitors?



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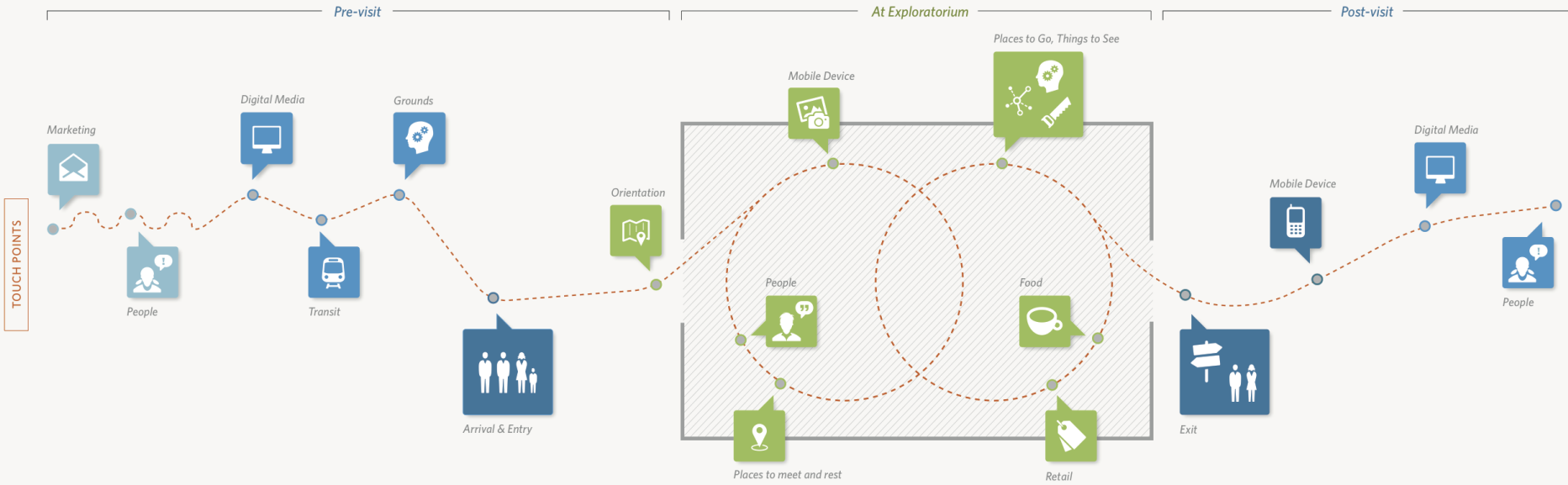
GET THE IDEA    PLAN THE DAY    GET INSIDE    DO THE MUSEUM    WHAT'S NEXT    RETURN TO LIFE

Visitor Type	GET THE IDEA	PLAN THE DAY	GET INSIDE	DO THE MUSEUM	WHAT'S NEXT	RETURN TO LIFE
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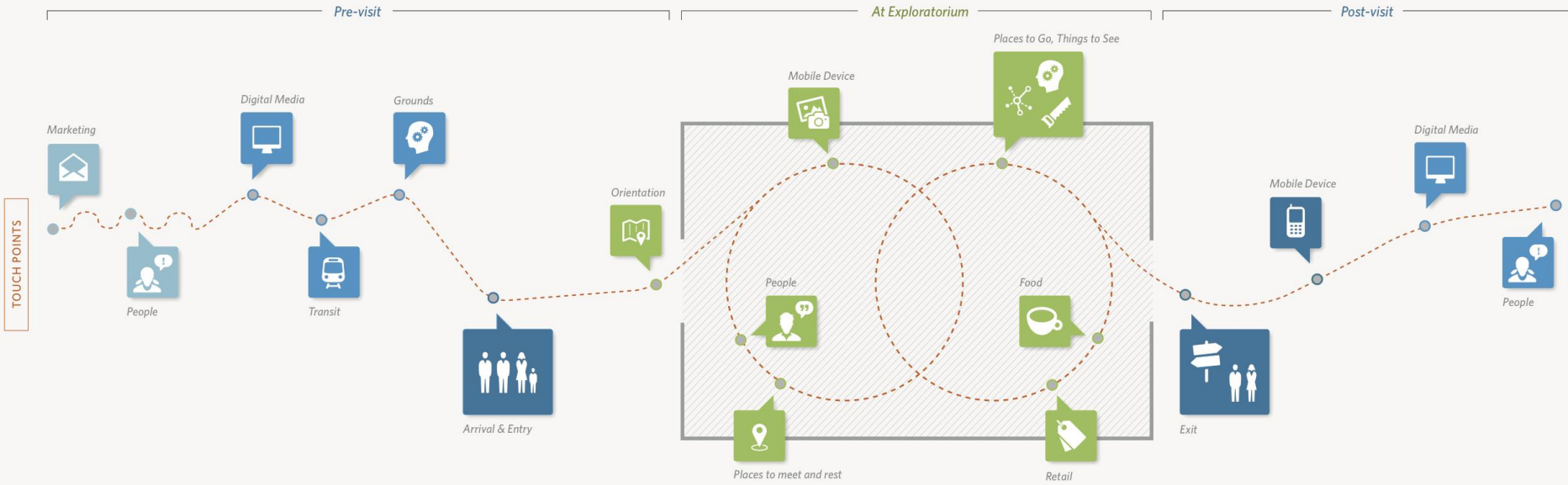
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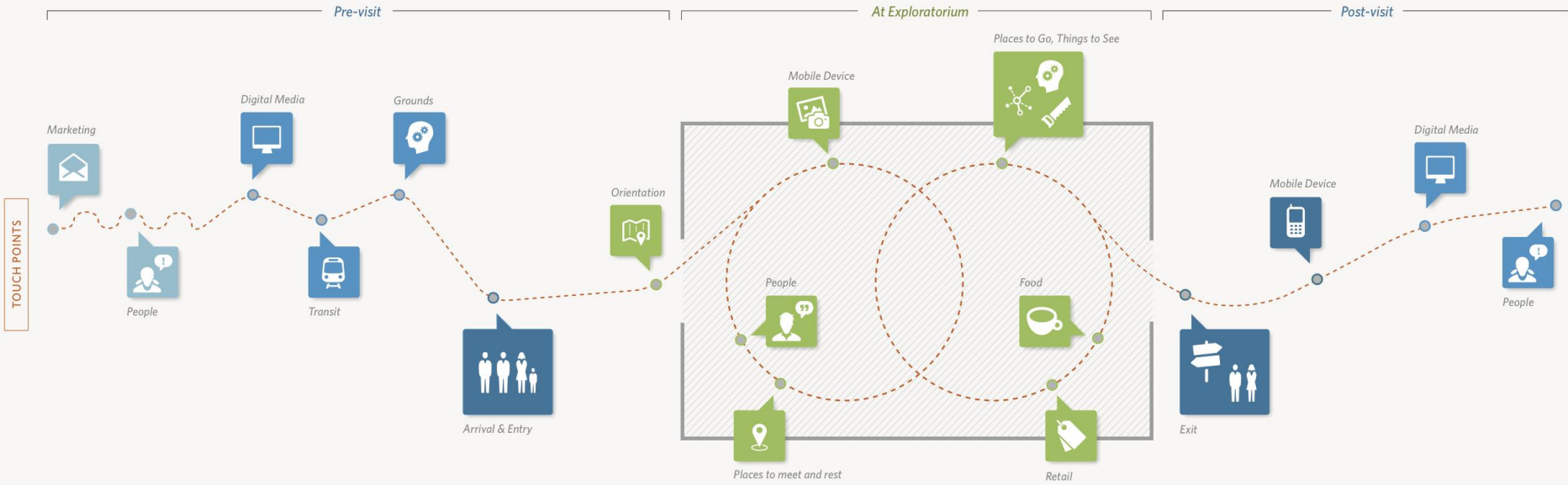


# Inquiry into Intent



# Exploratorium Visitor Experience Map

Where do you support the paths of different visitors?



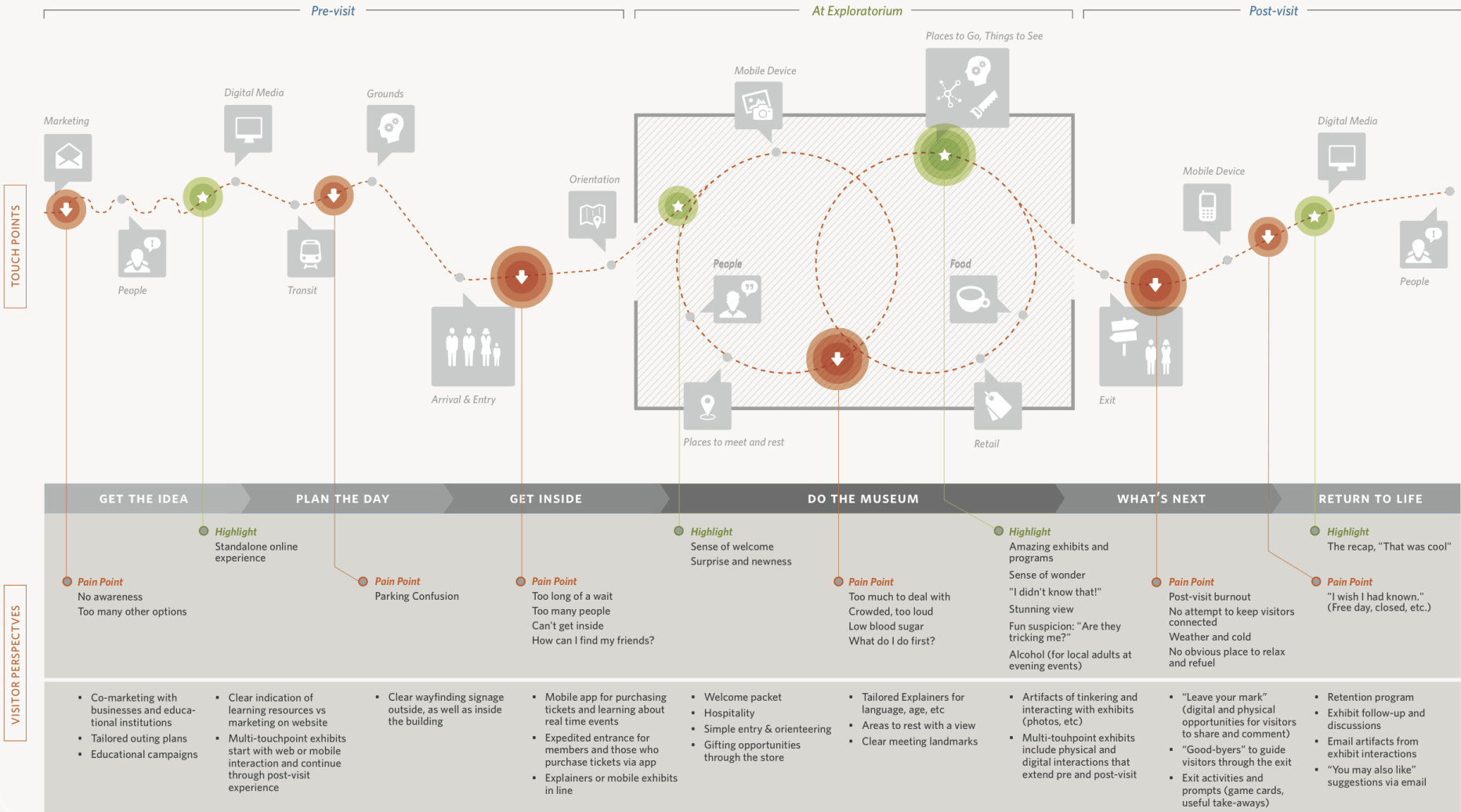
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# Exploratorium Visitor Experience Map

## What opportunities exist to impact the experience at scale?

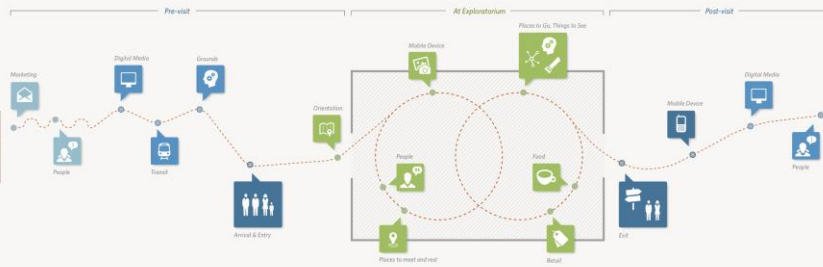


# inquiry insight intent

## Exploratorium Visitor Experience Map

Where do you support the paths of different visitors?

exploratorium  
map by adaptive path

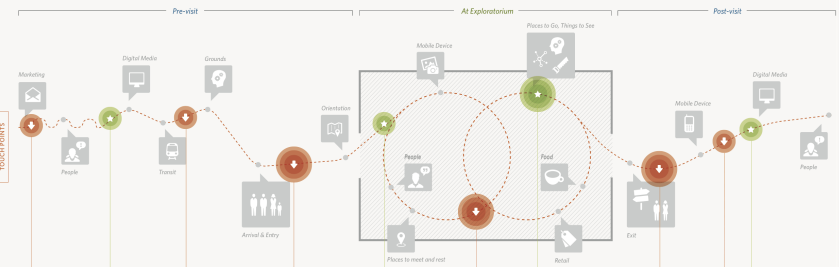


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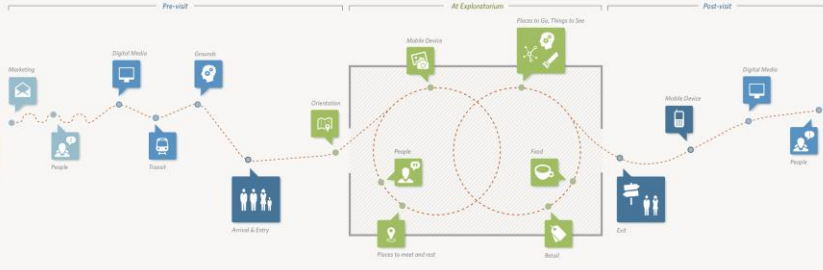
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- 1.Experience Mapping**
- 2.Understanding needs**
- 3.Refining Insights**
- 4.Defining Requirements**
- 5.Specifying Design Intent**

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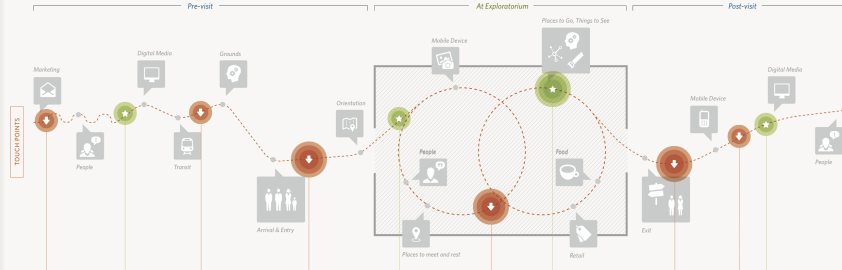
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GET THE IDEA	PLAN THE DAY	GET INSIDE	DO THE MUSEUM	WHAT'S NEXT	RETURN TO LIFE
<b>Local Adult</b> <ul style="list-style-type: none"> <li>Discovers Exploratorium on social site</li> <li>Discusses with hotel concierge</li> </ul>	<ul style="list-style-type: none"> <li>Plans day around visiting multiple tourist destinations</li> </ul>	<ul style="list-style-type: none"> <li>Needs to meet friends there</li> </ul>	<ul style="list-style-type: none"> <li>Seeks alcohol</li> <li>Buzzed and wants munchies</li> </ul>	<ul style="list-style-type: none"> <li>Wants to postpone social activities for the night</li> </ul>	<ul style="list-style-type: none"> <li>Plans another date</li> <li>Crashes in hotel</li> </ul>
<b>Tourist</b> <ul style="list-style-type: none"> <li>Hears about Exploratorium on TripAdvisor</li> <li>Unclear if it's the right place for them</li> </ul>	<ul style="list-style-type: none"> <li>Talks with family about going</li> <li>Learns about Spanish options</li> <li>Considers cost deeply</li> </ul>	<ul style="list-style-type: none"> <li>Asks about Spanish support</li> </ul>	<ul style="list-style-type: none"> <li>Feels pleased at the depth of the content</li> </ul>	<ul style="list-style-type: none"> <li>Seeks spot to rest and recharge</li> </ul>	<ul style="list-style-type: none"> <li>Reviews on TripAdvisor</li> <li>Crashes in hotel</li> </ul>
<b>Homeless Family</b> <ul style="list-style-type: none"> <li>Is triggered by food warmer as</li> <li>Receives Exploratorium communications</li> </ul>	<ul style="list-style-type: none"> <li>Leads up member benefits</li> <li>Wants to skip line</li> <li>Feels extra frustration with crowds</li> </ul>	<ul style="list-style-type: none"> <li>Seeks special member check-in or benefits</li> <li>Wants to skip line</li> <li>Feels extra frustration with crowds</li> </ul>	<ul style="list-style-type: none"> <li>Needs to keep family together, old and young</li> <li>Feasibly surprised that translation is free</li> </ul>	<ul style="list-style-type: none"> <li>Gathers the things</li> <li>Feels proud of San Francisco</li> </ul>	<ul style="list-style-type: none"> <li>Shares photos with family</li> <li>Wants to get more involved</li> </ul>

# Exploratorium Visitor Experience Map

What opportunities exist to impact the experience at scale?



GET THE IDEA	PLAN THE DAY	GET INSIDE	DO THE MUSEUM	WHAT'S NEXT	RETURN TO LIFE
<ul style="list-style-type: none"> <li>Co-marketing with business and educational institutions</li> <li>Educational campaigns</li> </ul>	<ul style="list-style-type: none"> <li>Clear indication of learning resources as exploring on website</li> <li>Multi-touchpoint exhibits start with web or mobile interaction and continue through post-visit experience</li> </ul>	<ul style="list-style-type: none"> <li>Clear wayfinding signage outside, as well as inside the building</li> <li>Mobile app for purchasing tickets and learning about real time events</li> <li>Expedited entrance for members and those who purchase tickets via app</li> <li>Experiences or meals with bills in line</li> </ul>	<ul style="list-style-type: none"> <li>Welcome packet</li> <li>Hospitality</li> <li>Simple entry &amp; orienting through the store</li> <li>Tailored Experiences for language, age, etc</li> <li>Access to rest with a view</li> <li>Clear meeting landmarks</li> </ul>	<ul style="list-style-type: none"> <li>Highlight Amazing exhibits and programs</li> <li>Sense of wonder</li> <li>"Ahh I knew that!"</li> <li>Sharing view</li> <li>Fan support: "Are they drinking me?"</li> <li>Alcohol (for local adults at evening events)</li> </ul>	<ul style="list-style-type: none"> <li>Retention program</li> <li>Exhibit follow-up and discussions</li> <li>Email artifacts from exhibit interactions</li> <li>"You may also like" suggestions via email</li> </ul>



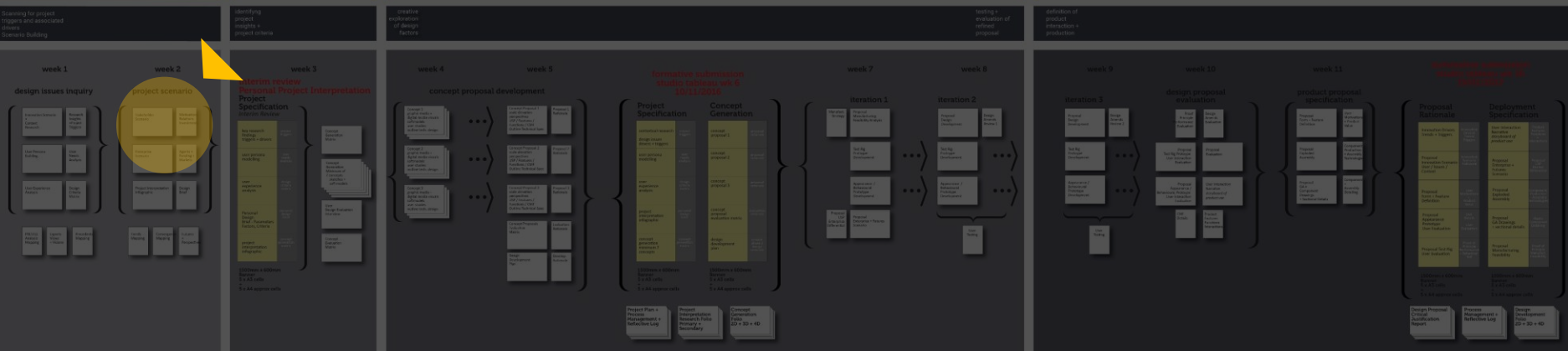
## 01: Opportunity Scanning

## 02: Project Framing

## 03: Concept Generation

## Design Development

## 04: Proposal Specification





# Practical Process

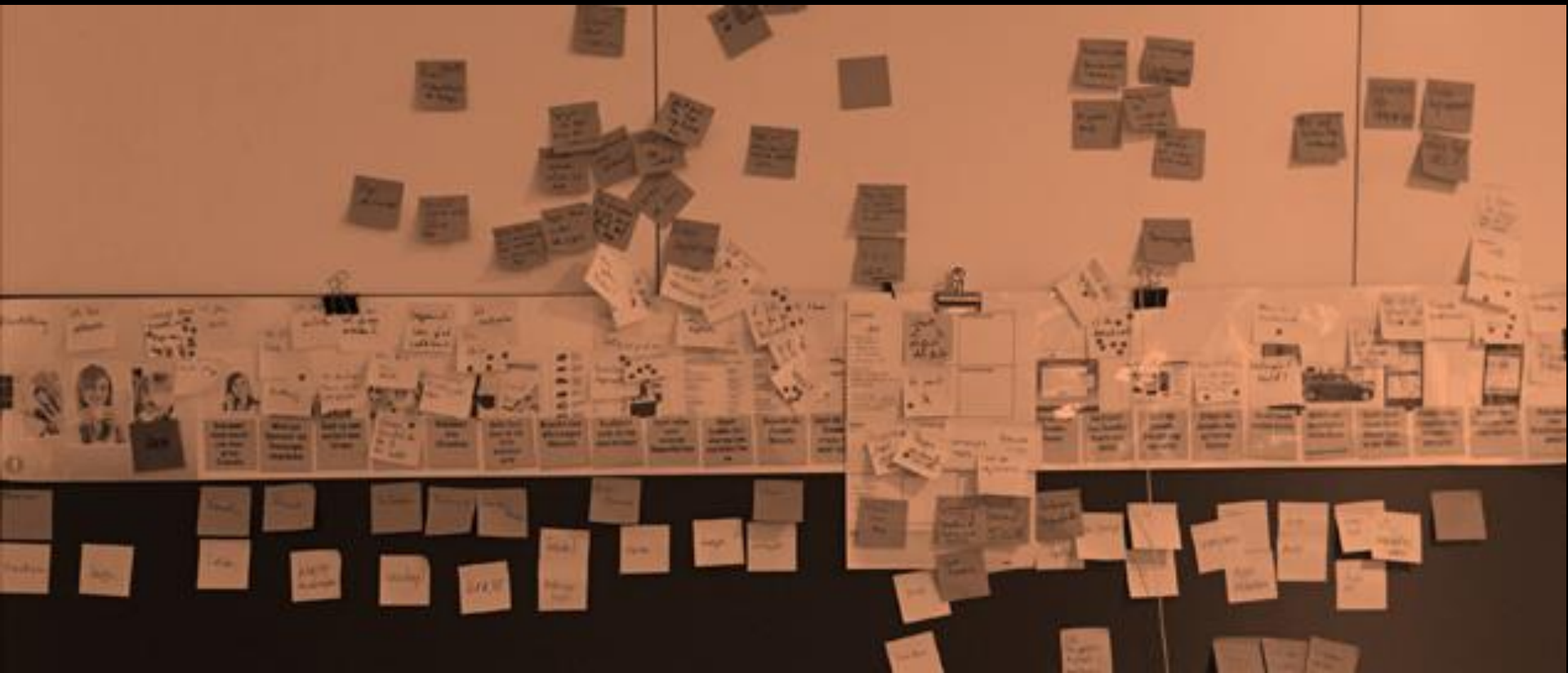


**‘intuitive splash down’**



**'structure research findings'**





**‘iterate analysis add detail’**



**'deep dive with users'**



**‘publish & deploy’**

# **10 criteria**

- for building an effective and  
usable **user experience map**

# 1. Represent your user's ... ... *perspective*

The user experience map needs to represent the interactions as your user experiences it. It often includes interactions that happen outside of your control – with secondary and tertiary stakeholders.

## 2. Use **primary research** and corroborate with **secondary research**

Do not use only your intuition and secondary research to build these – that just makes a process flow

Depending on the scope, the user experience map process can involve interviews or ethnographies, possibly combined with surveys. Some projects bring in users and build them interactively with design team staff.

Ethnographies can create a very powerful experience, although the small sample size can create bias. Better to do the research first then bring in your users to build the detail to your map.

# 3. Represent **user experience segments**.

Your different segments typically have very different user experiences – each segment becomes a focus for detailed research, extracting insights and developing an understanding of user needs and related design requirements

# 3. cont. Analyse the **user experience segments**

*Break these segments into **phases**. In a longer experience, users are accomplishing different things at different times. For example, early interactions phases typically involve trying to figure out where to go, what needs to be done. Whereas later phases are more defined and purposeful.*

*By understanding the user's mindset at each phase, you can begin to identify how the user experience needs to be re-designed around their relevant needs.*

*Bring in user **verbatim**. While not strictly required, **verbatim** bring the user Experience map to life 'user interviews*

*Include users and Non-users. A user experience map should always include non-users, as they may follow a different path to make a decision.*

*Use the empathy map methodology to develop the analysis of segment*

*Keep looking sideways and maintain the flow of the user experience map.*

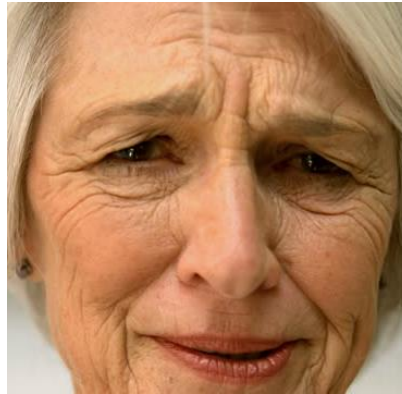


## What does she think & feel? (preoccupations)

- What is important to her?
- What are her dreams?
- What are her unspoken desires?
- Emotionally, what moves her?
- What keeps her up at night?

## What does she hear? (influences)

- What do her friends say?
- Significant others? Spouse?
- Who really influences her? How?
- Which media channels are influential? Books, mags, tv?



## What does she see? (environment)

- What does it look like?
- Who surrounds her?
- Who are her friends?
- What type of offers exposed to?
- What problems does she encounter?

- What is her attitude?
- What image does she portray?
- What conflicts between what's being said & what she really feels or thinks?

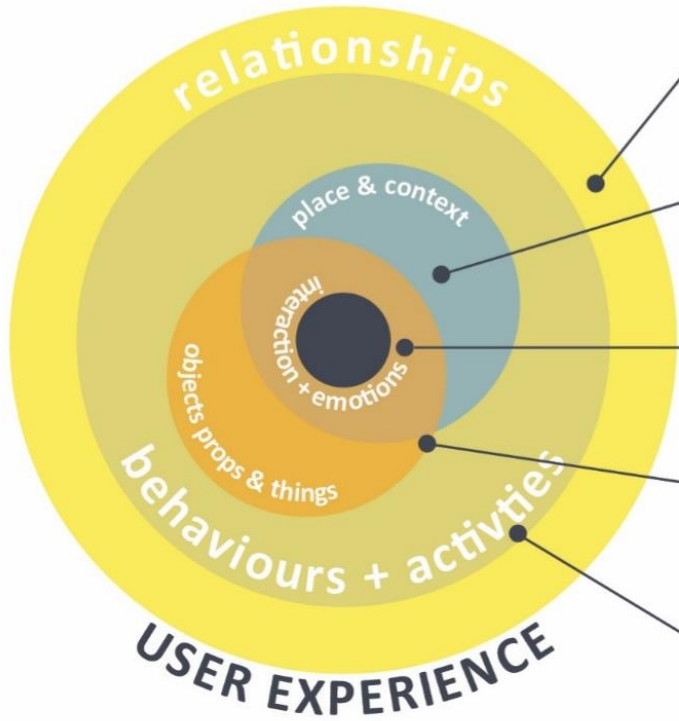
## What does she say & do?

### Pain (fears, frustrations, obstacles)

- What is the client's pain?
- What are her biggest frustrations?
- What obstacles hold her back?
- Which risks might she fear taking?
- What boundaries need to be set?

- What does the client gain?
- What does she want to achieve?
- How does she measure success?
- What strategies & shortcuts might help her get to her goals?

### Gain (wants, needs, measures of success)



- 'relationships'
- 'place-context'
- 'experience-emotions'
- 'objects-props-things'
- 'behaviours-activities'

## 4. Include user **goals**

A great user experience map shows your user's goals at each stage of the process. Goals can change as the process unfolds.

## 5. Focus on **emotions**

Emotions are critical to any experience, whether B2B or B2C, and a great user experience map communicates these emotions.

## 6. Represent touch points

The user experience map is often built to communicate the order and type of touch points – including those not in your control.

**Place / Context**

**Objects / Props**

**Relationships**

**Behaviours / Interactions**

## 7. Highlight **moments of truth**

Some interactions have more impact than others. Great experience maps separate those *critical moments* of truth from the rest. For example, when visiting a hospital, a bad check-in taints the rest of the patient experience.

## 8. Measure + Prioritise the users expectations, desires and needs against what actually happens

The variance between what the user needs and what actually happens is the 'design space' which your design process needs to redefine to resolve this variance.

## 9. Include **time + engagement**

Experience length provides important context. Does the typical interaction last 30 seconds or 10 minutes? Did the users spend 20 minutes or 40 hours deciding how to undertake a task or overcome a problem?



# 10. Develop the **publication** of user map

Cotinine t0 refine the content and also the presentation of that content.

Note:

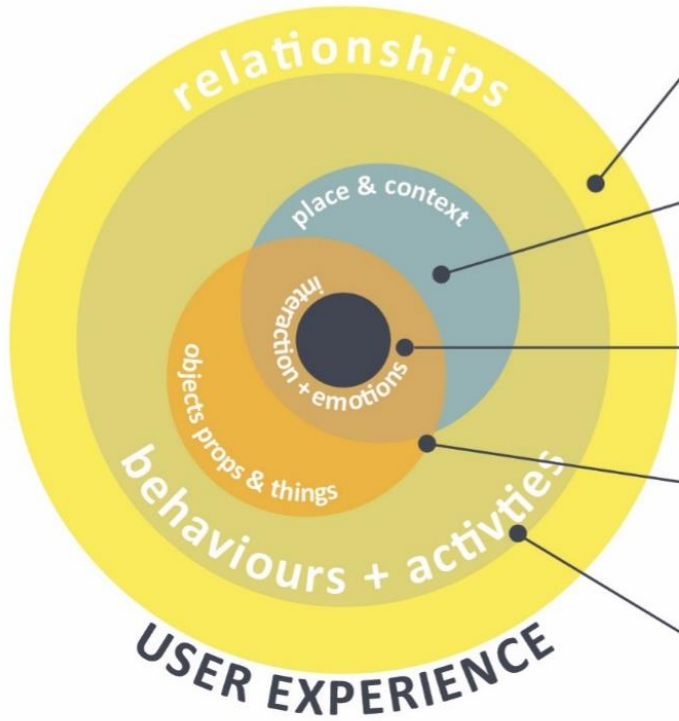
**Actively use** the concluded user experience map as a **navigation aide** when developing, refining & evaluating your design thinking

- **authoring the design brief**
- **undertaking concept proposal generation**
- **directing the design proposal development**
- **specifying the product proposition**

**These 10 criteria will help to ensure you have a rich user experience map that can serve as the foundation for your understanding of the users experience and identifying relevant design criteria + design intent**

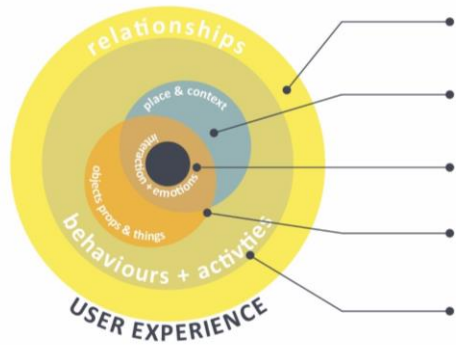
**These 'elements' and related  
'touchpoints' of the user  
experience represent the  
'design space' which shall be  
the focus of your project  
activity**

**As the designer you re-define  
the 'touch points' in order to  
'reprogramme' the 'elements'  
of the user experience'**



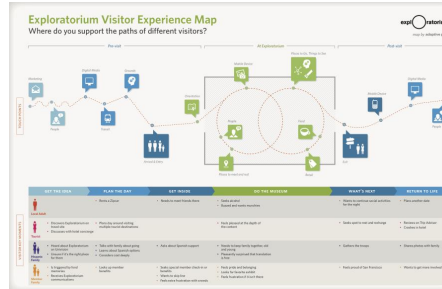
- 'relationships'
- 'place-context'
- 'experience-emotions'
- 'objects-props-things'
- 'behaviours-activities'

● 'elements'

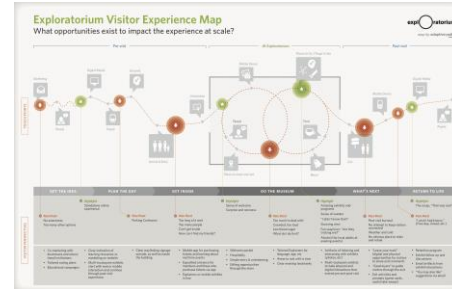


- 'relationships'
- 'place-context'
- 'experience-emotions'
- 'objects-props-things'
- 'behaviours-activities'

● 'touch-points'



● 're-programming'



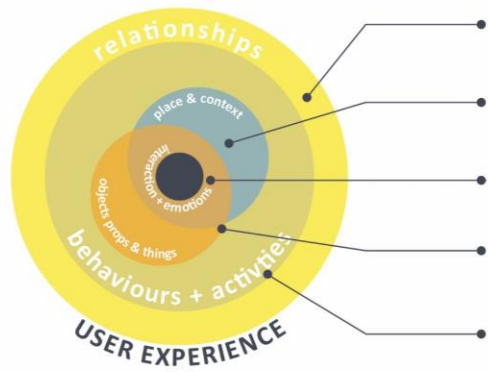
Design Space

Design Intent

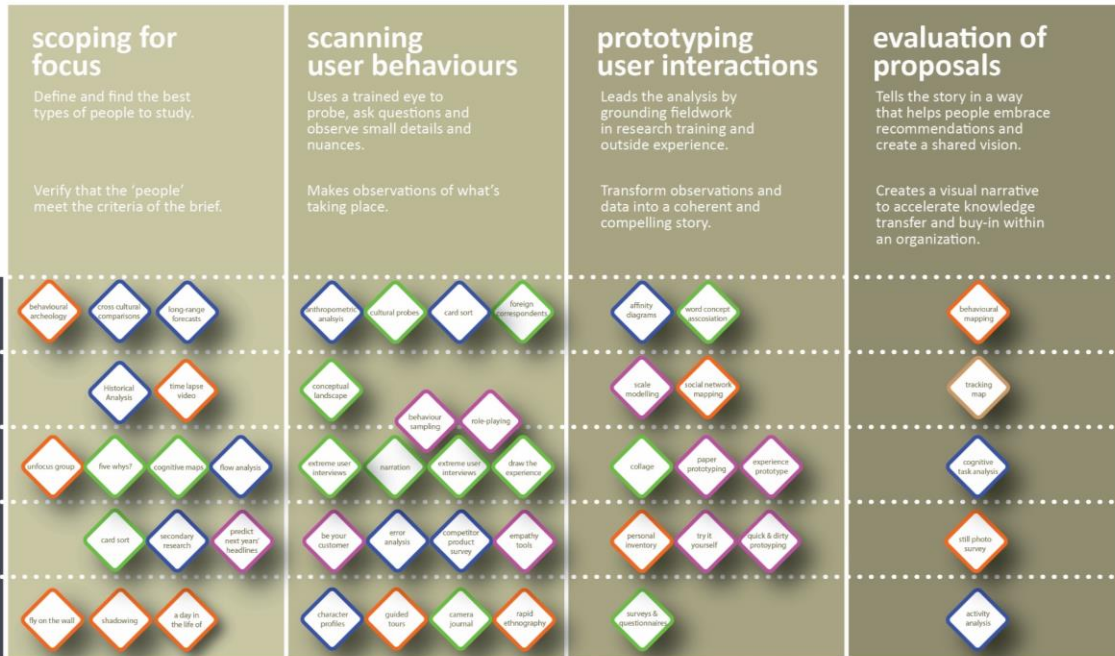
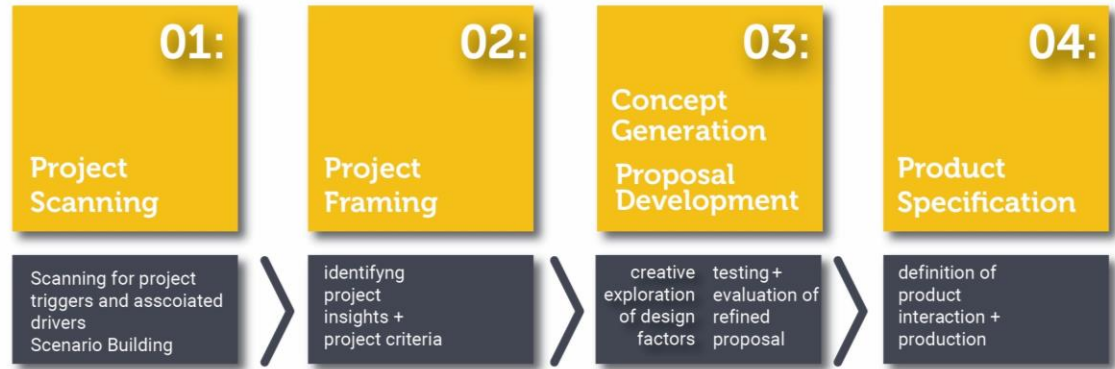
Design Brief

# user centred design research process

# IDEO Method Cards



- 'relationships'
- 'place-context'
- 'experience-emotions'
- 'objects-props-things'
- 'behaviours-activities'





# User Experience Map:

## Mapping the user's journey through the context

BENEFITS	INPUT	OUTPUT WHEN TO USE
<ul style="list-style-type: none"> <li>Focuses on experience</li> <li>Reveals relationships</li> <li>Structures existing knowledge</li> <li>Visualizes information</li> </ul>	<ul style="list-style-type: none"> <li>List of all user activities happening in the context of study</li> </ul>	<ul style="list-style-type: none"> <li>Visualization of activity clusters over time representing the journey users go through in particular process/experience</li> <li>Pain-points, insights, and opportunities along the user's journey</li> </ul>

### WHAT IT DOES

The User Experience Map is a flow map that tracks users' steps through an entire experience. This method breaks down users' journey into component parts to gain insights into problems that may be present or opportunities for innovations. Activities users perform (rinse, mix, heat, serve) are shown as nodes in this map. These activities are also shown in groups as higher-level activities (preparation, cooking, finishing). Problems and insights are called out on this map to highlight areas where attention is needed and where opportunities exist.

### HOW IT WORKS

#### STEP 1:

Generate a list of all the activities.

Identify all the specific activities that occur throughout an experience (for example, rinsing, chopping, and disposing for cooking experience).

#### STEP 2:

Cluster activities.

Cluster related specific activities into higher-level activities (for example, rinsing, chopping, and disposing forming the higher-level activity pre-cooking).

#### STEP 3:

Show activity clusters as nodes on a timeline.

Represent high-level activities as nodes and place them on a timeline as a flowchart. List the related specific activities under each of these nodes. Show arrows connecting the nodes to show the flow direction. If needed, include arrows showing feedback loops.

#### STEP 4:

Call out problems and pain-points.

Identify pain points while activities are happening during the process. Highlight these problems or pain-points as call-outs attached to the appropriate node(s) or arrows.

#### STEP 5:

Extend the map with extra information.

Extend the journey map with additional layers of information such as video clips of user activities, quotations from user studies commenting on process stages, or layout diagrams showing where activities take place.

#### STEP 6:

Look for insights.

Study the whole User Journey Map as a team, refer to your research findings, discuss them, and look for insights. For example, an insight might be stated as: "While rinsing and chopping ingredients during pre-cooking is enjoyable, disposing of waste is universally perceived as unpleasant."

#### STEP 7:

Summarize the findings and share them.

Highlight these insights as overlay descriptions on the User Journey Map. Discuss the biggest opportunities for making the user journey compelling and delightful for users?

