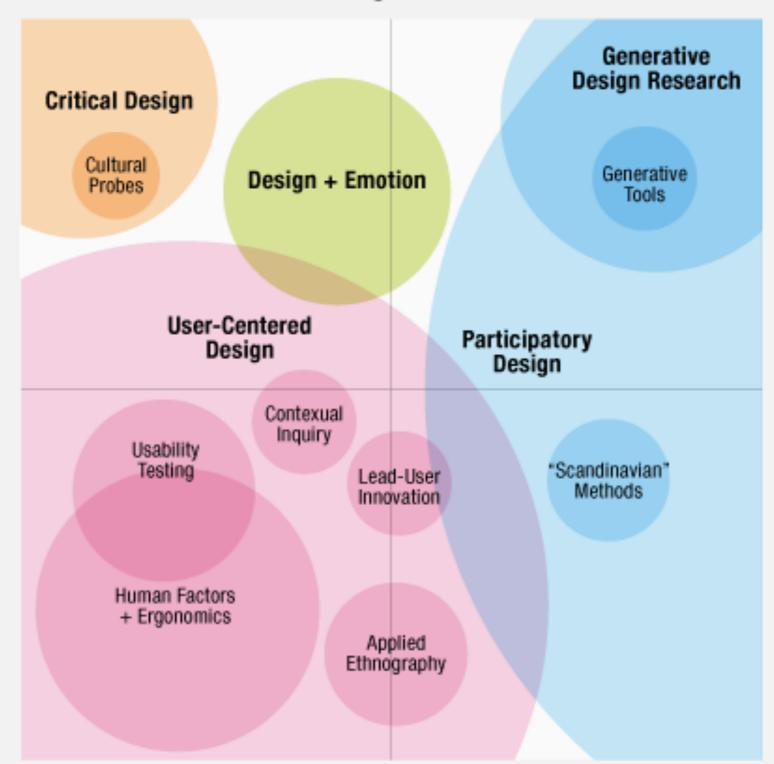


The METHOD cards are divided into four categories representing ways to empathise with people.

# Design-Led



Research-Led

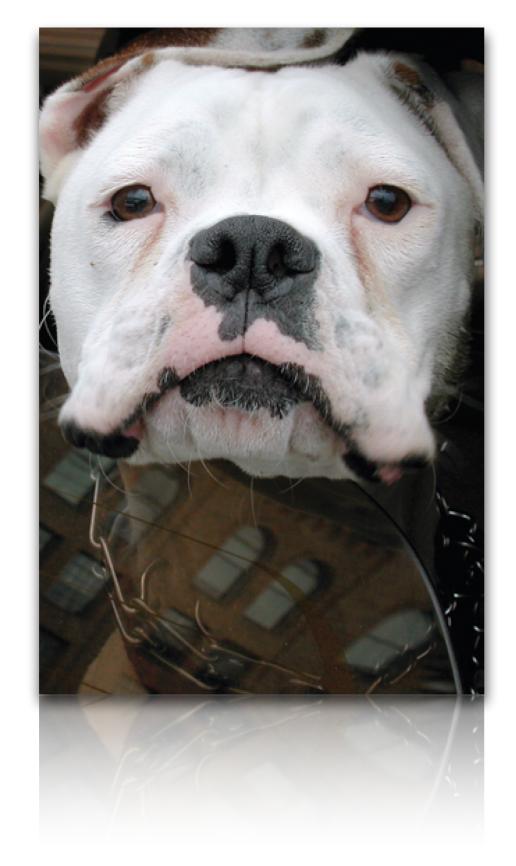
# Participatory Mindset

"users" seen as partners (active co-creators)

"users" seen as subjects (reactive informers)

**Expert Mindset** 





Camera Journal

Card Sort

Cognitive Maps

Collage

Conceptual Landscape

**Cultural Probes** 

Draw the Experience

Extreme Users Interviews

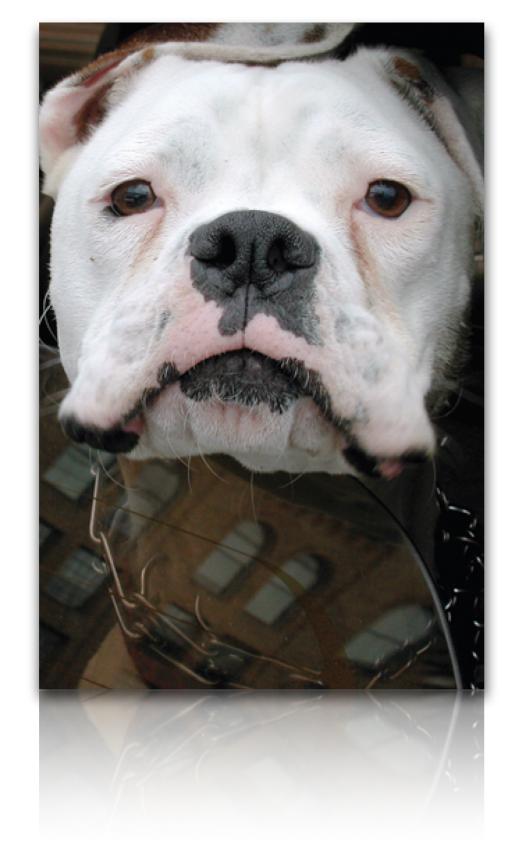
Five Whys?

Foreign Correspondences

Narration

Surveys and Questionnaires

Un-focus Groups



#### Camera Journal

Card Sort

Cognitive Maps

Collage

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Draw the Experience

Extreme Users Interviews

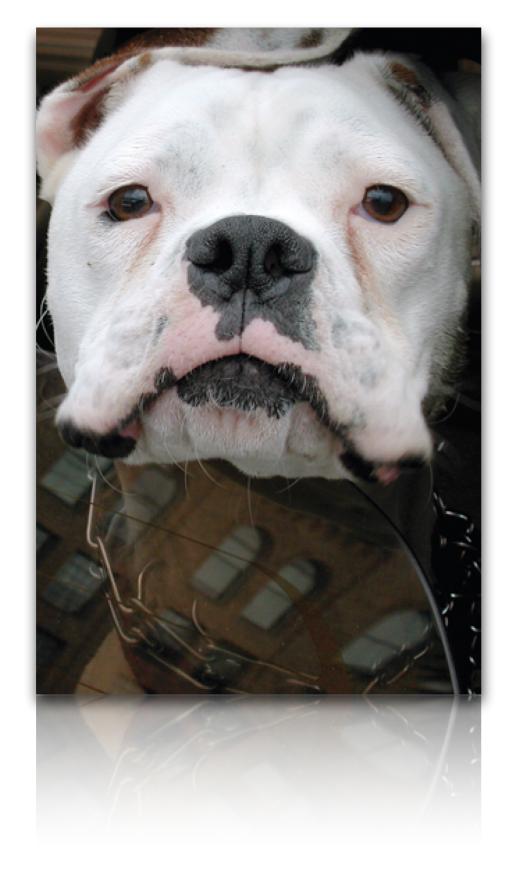
Five Whys?

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Un-focus Groups



#### Camera Journal

How: Ask potential users to keep a written and visual diary of their impressions, circumstances, and activities related to a product, service or system.

Why: This rich, self-conducted notation technique is useful for prompting users to reveal points-of-view and patterns of behaviour.



Camera Journal

#### **Card Sort**

Cognitive Maps

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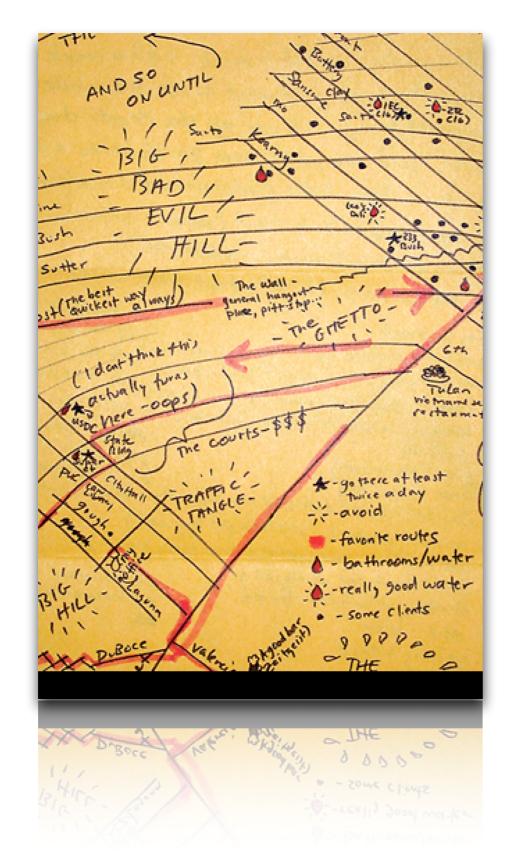
Un-focus Groups



#### **Card Sort**

How: On separate cards, name possible features, functions, or design attributes. Ask people to organize the cards spatially, in ways that make sense to them.

Why: This helps to expose people's mental models of a device, service or system. Their organization reveals expectations and priorities about the intended functions.



Camera Journal

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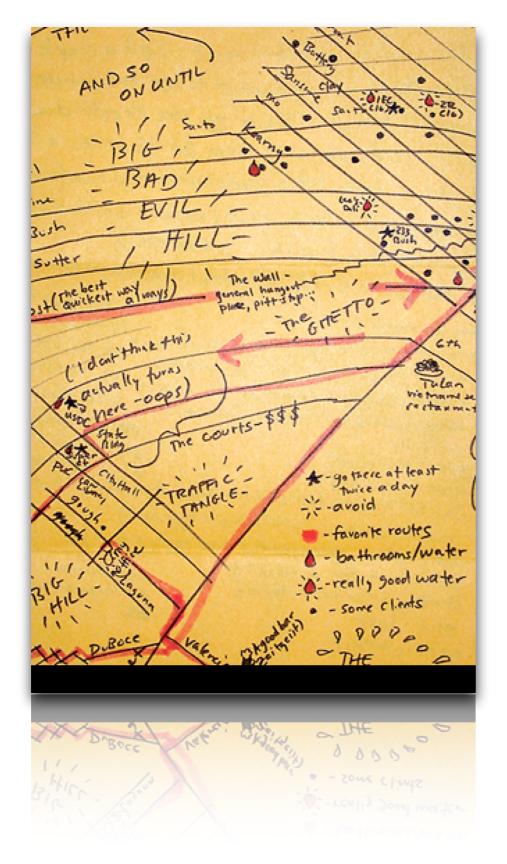
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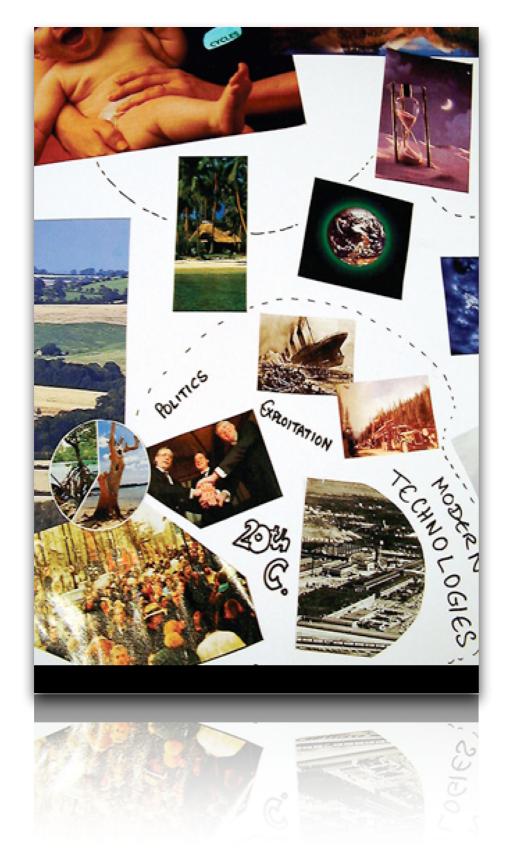
**Un-focus Groups** 



### Cognitive Maps

How: Ask participants to map an existing or virtual space and show how they navigate it.

Why: This is a useful way to discover the significant elements, pathways, and other spatial behavior associated with a real or virtual environment.



Camera Journal

Card Sort

Cognitive Maps

# Collage

Conceptual Landscape

**Cultural Probes** 

Draw the Experience

Extreme Users Interviews

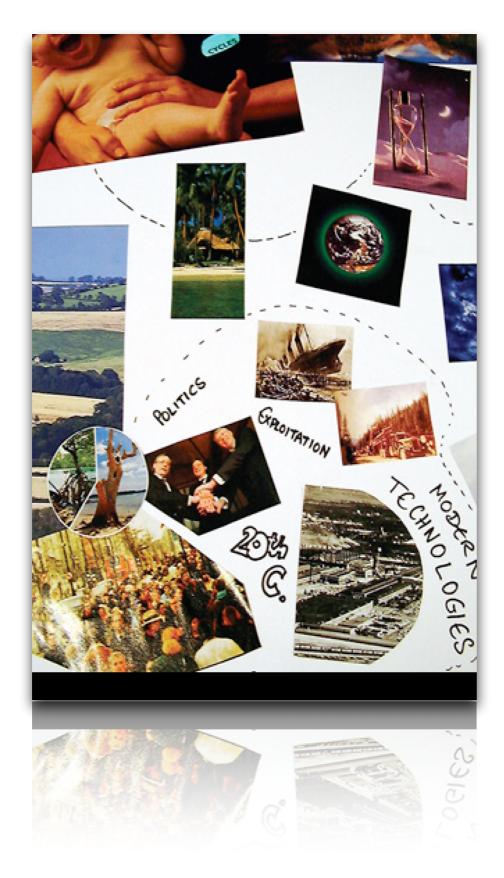
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Surveys and Questionnaires

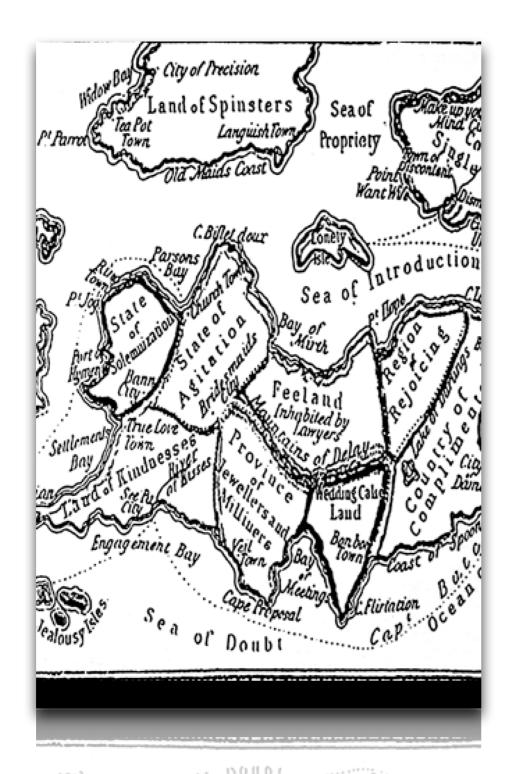
**Un-focus Groups** 



# Collage

How: Ask participants to build a collage from a provided collection of images, and to explain the significance of the images and arrangements they choose.

Why: This illustrates participants' understanding and perceptions of issues and helps them verbalize complex or unimagined themes.



Camera Journal

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### Conceptual Landscape

How: Diagram, sketch, or map the aspects of abstract social and behavioural constructs or phenomena.

Why: This is a helpful way to understand people's mental models of the issues related to the design problem.



Camera Journal

Card Sort

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#### **Cultural Probes**

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#### **Cultural Probes**

How: Assemble a camera journal kit (camera, film, notebook, instructions) or via an App and distribute it to participants within or across many cultures.

Why: To collect and evaluate perceptions and behaviours within, between and across cultures.



Camera Journal

Card Sort

Cognitive Maps

Collage

Conceptual Landscape

**Cultural Probes** 

### Draw the Experience

Extreme Users Interviews

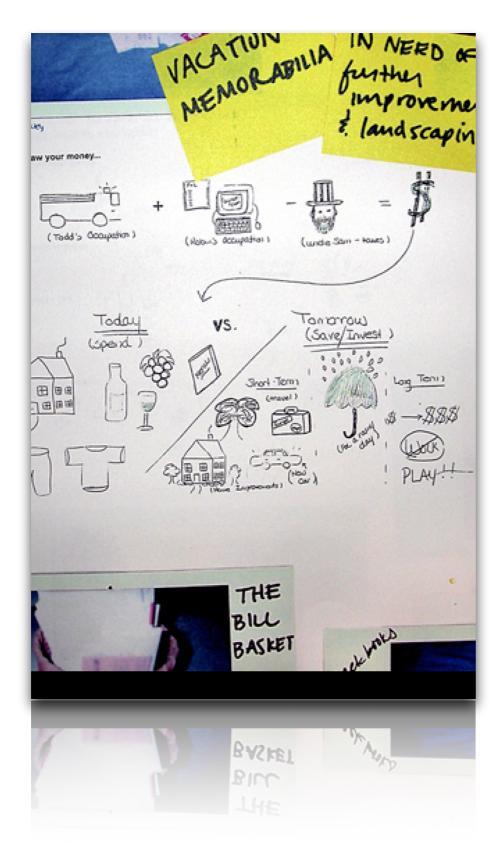
Five Whys?

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Surveys and Questionnaires

**Un-focus Groups** 



### Draw the Experience

How: Ask participants to visualise an experience through visualisation i.e. drawings, sketches and diagrams.

Why: This can be a good way to debunk assumptions and reveal how people conceive of and order their experiences or activities.



Camera Journal

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Draw the Experience

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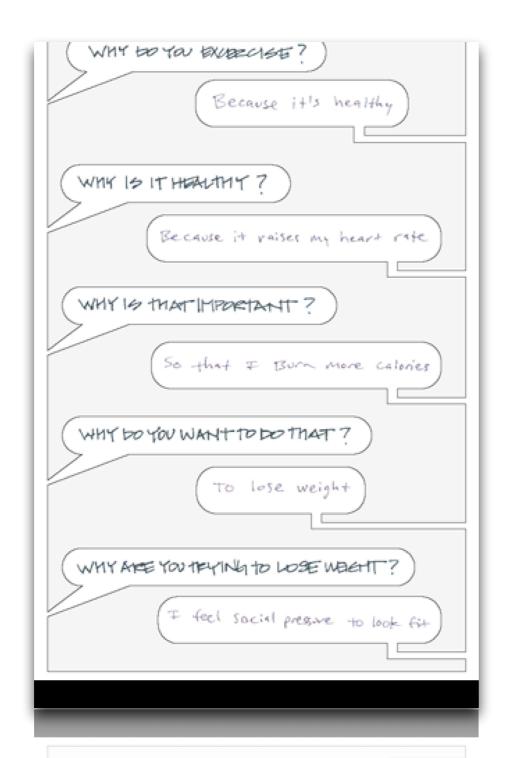




#### **Extreme Users Interviews**

How: Identify individuals who are extremely familiar or completely unfamiliar with the product or service and ask them to evaluate their experience using it.

Why: These individuals are often able to highlight key issues of the design problem and provide insights for design improvements.



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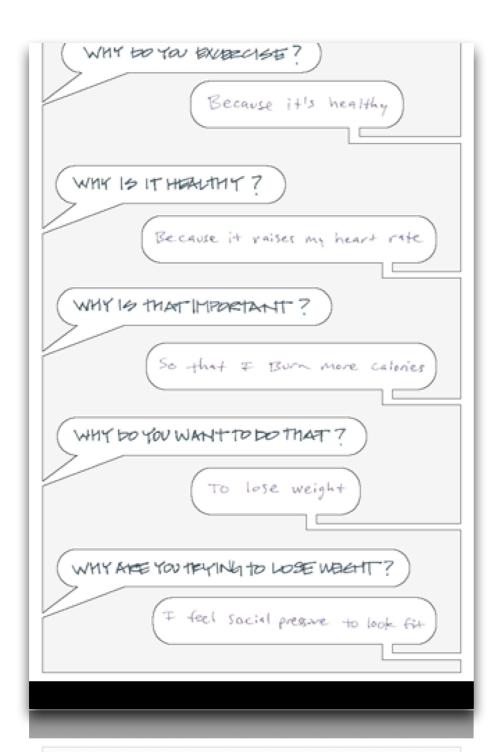
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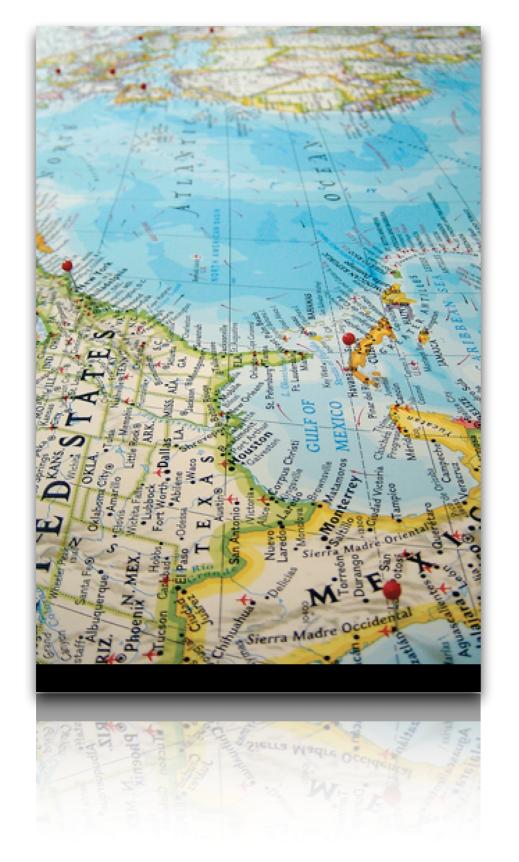
**Un-focus Groups** 



### Five Whys?

How: Ask "WHY?" questions in response to five consecutive answers.

Why: This exercise forces people to examine and express the underlying reasons for their attitude and consequent behaviour.



Camera Journal

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Extreme Users Interviews

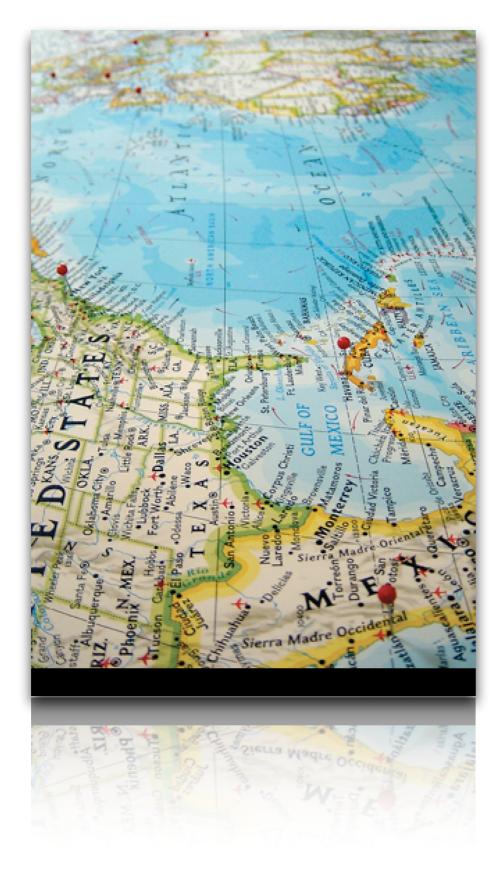
Five Whys?

# Foreign Correspondences

Narration

Surveys and Questionnaires

Un-focus Groups



### Foreign Correspondences

How: Request input from co-workers and contacts in other countries and conduct a cross-cultural study to derive basic international design principles.

Why: This is a good way to illustrate the varied cultural and environmental contexts in which products, services and systems are used.



Camera Journal

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#### Narration

Surveys and Questionnaires

Un-focus Groups



#### Narration

How: As they perform a process or execute a specific task, ask participants to describe aloud what they are thinking.

Why: This is a useful way to reach users' motivations, concerns, perceptions, and reasoning.



Camera Journal

Card Sort

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Draw the Experience

Extreme Users Interviews

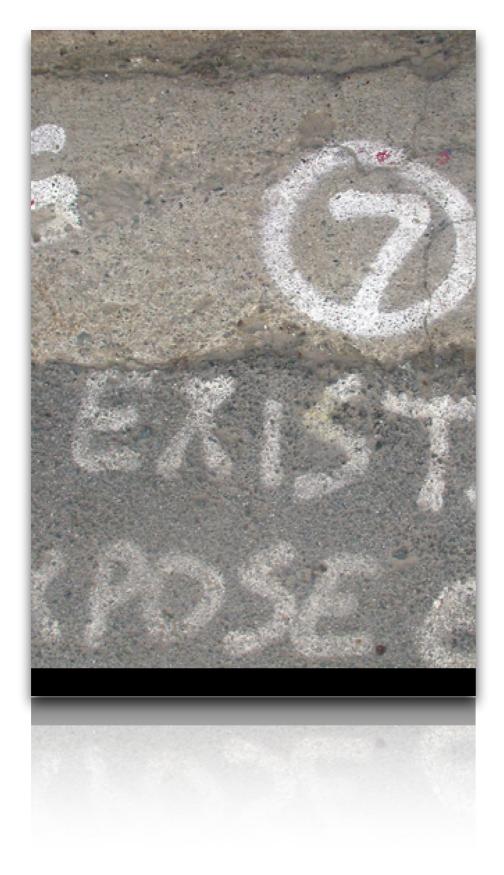
Five Whys?

Foreign Correspondences

Narration

### Surveys and Questionnaires

Un-focus Groups



# Surveys and Questionnaires

How: Ask a series of targeted questions in order to ascertain particular characteristics and perceptions of users.

Why: This is a quick way to elicit answers from a large and wider number of people.



Camera Journal

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Five Whys?

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Surveys and Questionnaires

**Un-focus Groups** 



### **Un-focus Groups**

How: Assemble a diverse group of individuals in a workshop to use a stimulating range of materials and create things that are relevant to your project.

Why: Encourages rich, creative, and divergent contributions from potential users, releases inhibitions, and opens up new thinking.



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**Un-focus Groups** 



### Word-Concept Association

How: Ask people to associate descriptive words with different design concepts or features in order to show how they perceive and value the issues.

Why: Clustering users' perceptions helps to evaluate and prioritise design concepts and features.



Activity Analysis

Affinity Diagrams

Anthropometric Analysis

**Character Profiles** 

Cognitive Task Analysis

Competitive Product Survey

Cross-Cultural Comparisons

Error Analysis

Flow Analysis

Historical Analysis

Long-Range Forecasts

Secondary Research



# **Activity Analysis**

Affinity Diagrams

Anthropometric Analysis

**Character Profiles** 

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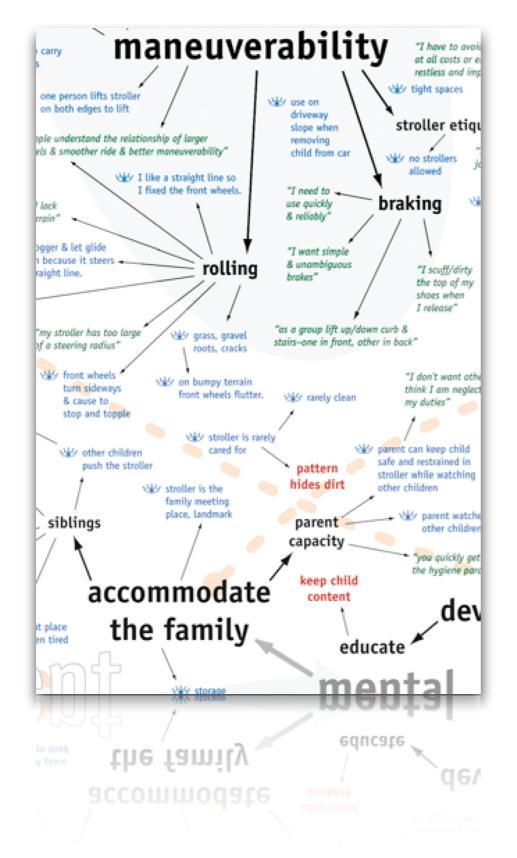
Secondary Research



# **Activity Analysis**

How: List or represent in detail all tasks, actions, objects, performers and interactions involved in a process.

Why: This is a useful way to identify and prioritise which stakeholders to interview as well as what issues to address.



**Activity Analysis** 

#### **Affinity Diagrams**

Anthropometric Analysis

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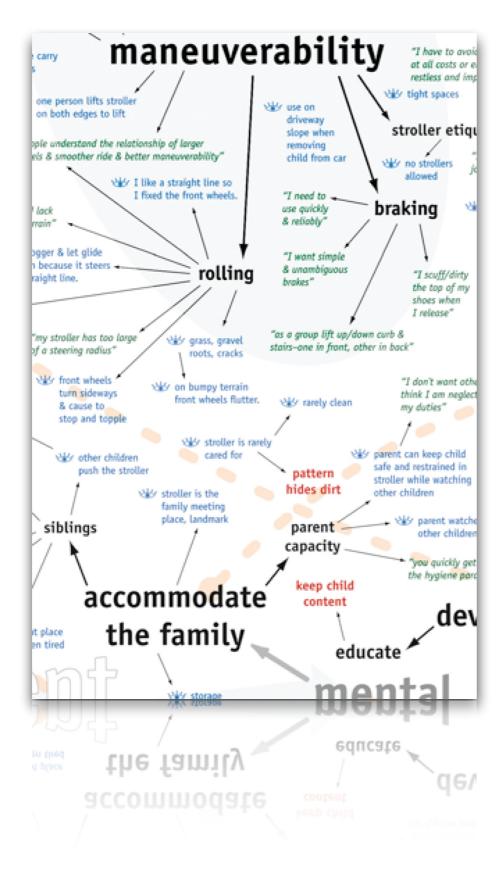
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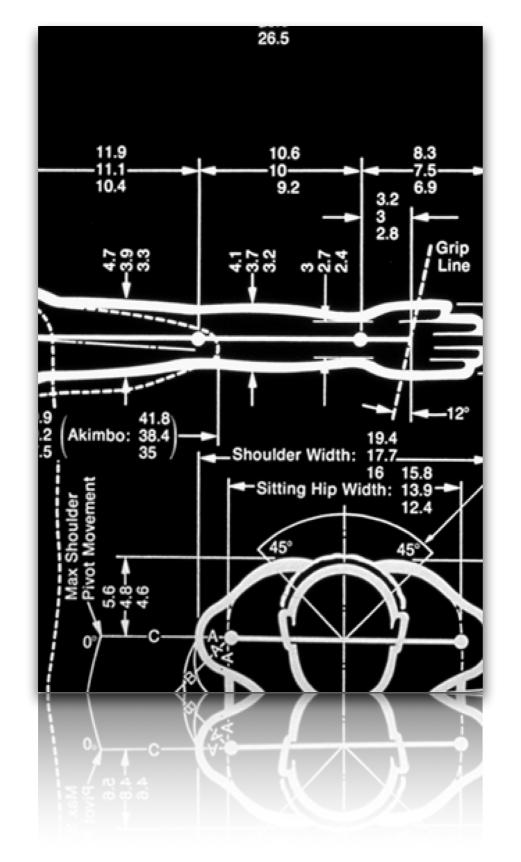
Long-Range Forecasts



#### **Affinity Diagrams**

How: Cluster design elements according to intuitive relationships such as similarity, patterns, dependence, proximity, etc.

Why: This method is a useful way to identify connections between issues and reveal innovation opportunities.



**Activity Analysis** 

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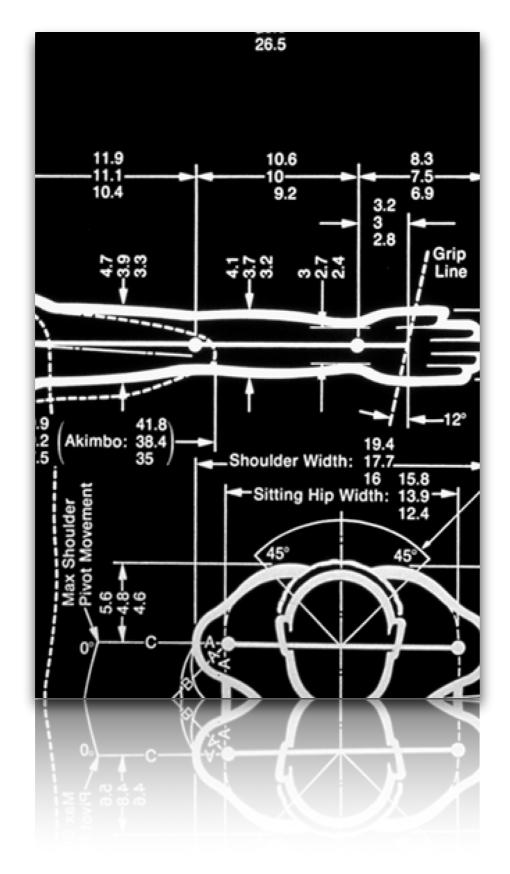
Cross-Cultural Comparisons

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#### **Anthropometric Analysis**

How: Use human population measurement data to check the coverage and suitability of the design solution to the target user group.

Why: This helps to identify a representative group of people for testing design concepts and evaluating the general usability of product or service details.

# [Chris]





"I wouldn't be caught dead using moisturiser"

"I never buy after shave... I get it for Christmas"

"I read men's magazines sometimes, but I'd never buy one"

"I only really take vitamin C when I've got a cold"

"keeping fit isn't that important to me"

#### Learn Look Ask Try

**Activity Analysis** 

**Affinity Diagrams** 

Anthropometric Analysis

#### Character Profiles

Cognitive Task Analysis

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# [Chris]





"I wouldn't be caught dead using moisturiser"

"I never buy after shave... I get it for Christmas"

"I read men's magazines sometimes, but I'd never buy one"

"I only really take vitamin C when I've got a cold"

"keeping fit isn't that important to me"

#### Learn Look Ask Try

#### Character Profiles (Personas)

How: Based on Observations of real people, develop character profiles to represent archetypes and the details of their behaviour or lifestyles.

Why: This is a useful way to bring a typical customer to life to communicate the value of different concepts to various target groups.



**Activity Analysis** 

**Affinity Diagrams** 

Anthropometric Analysis

**Character Profiles** 

#### Cognitive Task Analysis

Competitive Product Survey

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#### Cognitive Task Analysis

How: List and summarise all of a user's sensory inputs, decision points, and actions.

Why: This is good for understanding users' perceptual, attentional, and informational needs and to identify bottlenecks where errors may occur.



Activity Analysis

Affinity Diagrams

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**Character Profiles** 

Cognitive Task Analysis

## Competitive Product Survey

Cross-Cultural Comparisons

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Long-Range Forecasts



# Competitive Product Survey

How: Collect, compare, and conduct evaluations of the product's, service's or system's competition.

Why: This is a useful way to establish functional requirements, performance standards, and other useful benchmarks.



Activity Analysis

Affinity Diagrams

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#### Cross-Cultural Comparisons

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#### Cross-Cultural Comparisons

How: Use personal or published accounts to reveal differences in behaviours and artefacts between national and other cultural groups.

Why: This helps teams to understand various cultural factors and implications for their projects when designing for unfamiliar or global markets.



Activity Analysis

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Historical Analysis

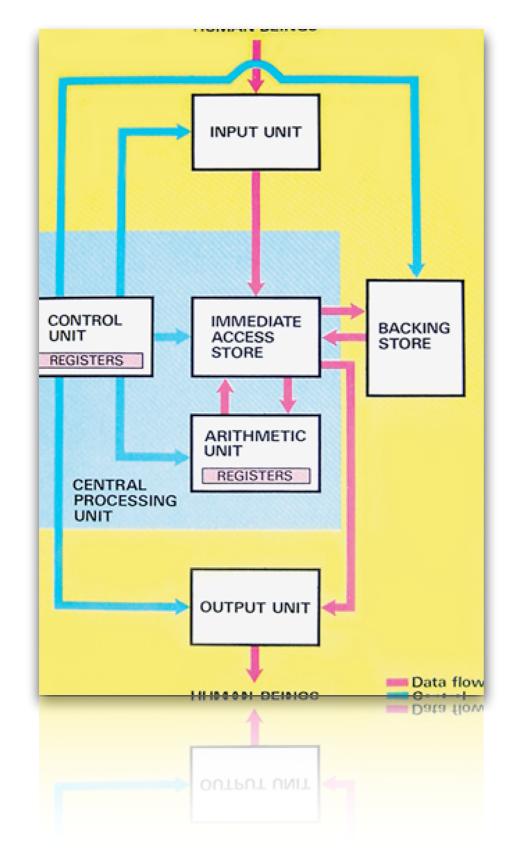
Long-Range Forecasts



## **Error Analysis**

How: List all the things that can go wrong when using a product or service and determine the various possible causes and consequences.

Why: This is a good way to understand how design features mitigate or contribute to inevitable human errors and other failures.



**Activity Analysis** 

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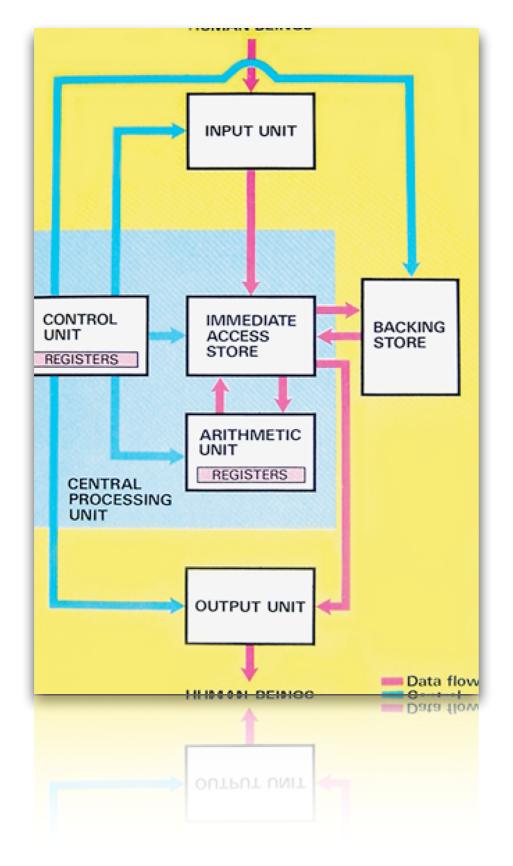
Cross-Cultural Comparisons

**Error Analysis** 

#### Flow Analysis

Historical Analysis

Long-Range Forecasts



#### Flow Analysis

How: Represent the flow of information or activity through all phases of a service, system or process.

Why: This is useful for identifying bottlenecks and opportunities for functional alternatives



Activity Analysis

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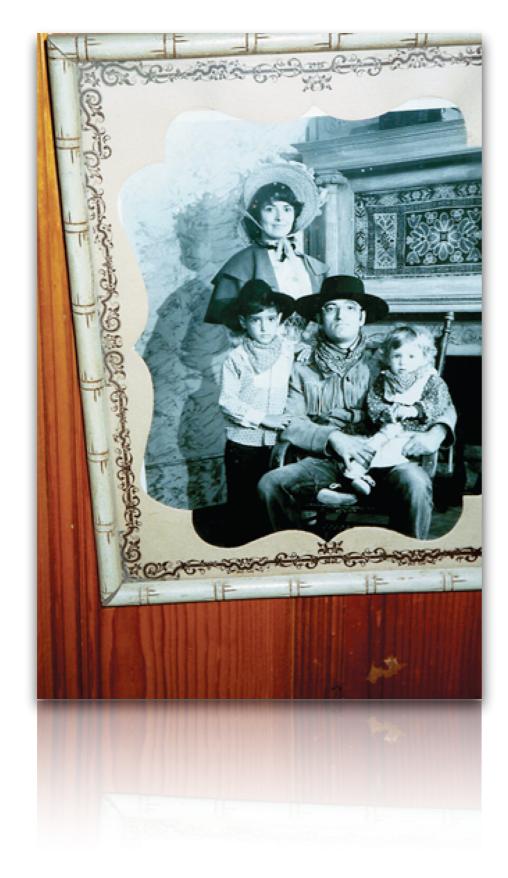
Cross-Cultural Comparisons

Error Analysis

Flow Analysis

**Historical Analysis** 

Long-Range Forecasts



#### **Historical Analysis**

How: Compare features of an industry, organisation, group, market segment, or practice through various stages of development.

Why: This method helps to identify trends and cycles of product or service use, and customer behaviour and to project those patterns into the future.



Activity Analysis

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#### Long-Range Forecasts

How: Write-up and/visualise visualise prose scenarios that describe how social and/or technological trends might influence people's behaviour and the use of product, service, or environment.

Why: Predicting changes in behaviour, industry, or technology can help clients to understand the profound implications of design decisions.



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## Secondary Research

How: Review published articles, papers, and other pertinent documents to develop an informed point-of-view on the design issue.

Why: This is a useful way to ground observations and to develop a point-of-view on the state of the art.



A Day in the Life

Behavioral Archaeology

Behavioral Mapping

Fly on the Wall

**Guided Tours** 

Personal Inventory

Rapid Ethnography

Shadowing

Social Network Mapping

Still-Photo Survey



# A Day in the Life

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## A Day in the Life

How: Catalog the activities and contexts that users experience throughout the entire day.

Why: This is a useful way to reveal unanticipated issues inherent in routines and circumstances people experience daily.



A Day in the Life

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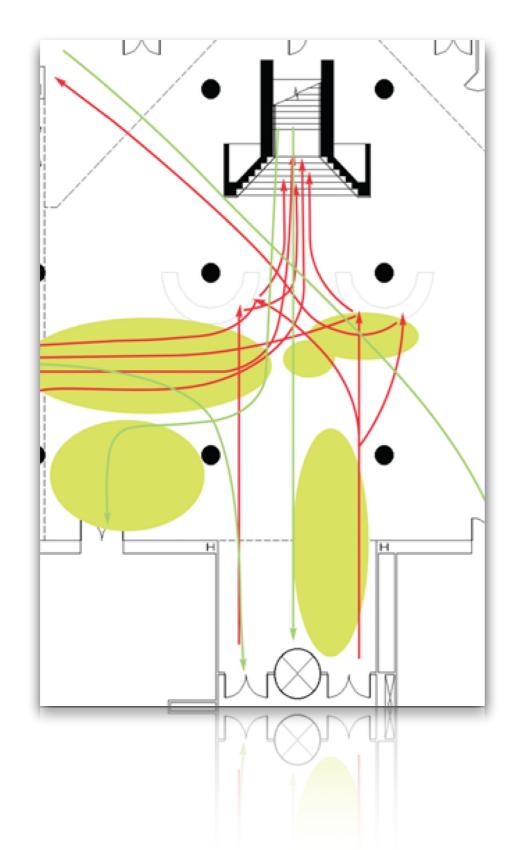
Still-Photo Survey



## Behavioural Archaeology

How: Look for the evidence of people's activities inherent in the placement, wear patterns, and organisation of places and things.

Why: This reveals how artefacts and environments figure in people's lives, highlighting aspects of their lifestyles, habits, priorities and values.



A Day in the Life

Behavioral Archaeology

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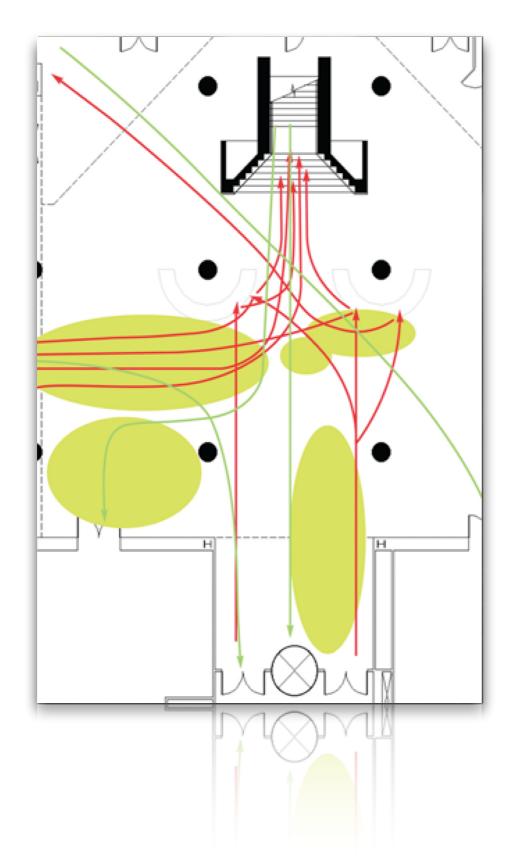
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# Behavioural Mapping

How: Track the positions and movement of people within a space over time.

Why: Recording the pathways and traffic patterns of occupants of a space helps to define zones of different spatial behaviour.



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# Fly on the Wall

How: Observe and record behaviour within its context, without interfering with people's activities.

Why: It is useful to see what people actually do within real contexts and time-frames, rather than accept what they say after the fact.



A Day in the Life

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#### **Guided Tours**

How: Accompany participants on a guided tour of the project-relevant spaces and activities they experience.

Why: Making and exploration of objects and actions is situ helps people recall their intentions and values.



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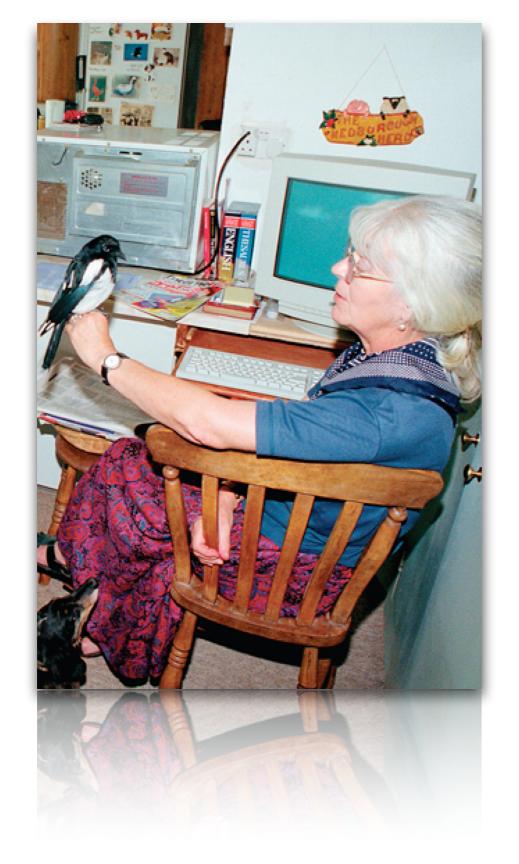
Still-Photo Survey



#### Personal Inventory

How: Document the things that people identify as important to them as a way of cataloging evidence of their lifestyles.

Why: This method is useful for revealing people's activities, perceptions, and values as well as patterns among them.



A Day in the Life

Behavioral Archaeology

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Personal Inventory

## Rapid Ethnography

Shadowing

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Still-Photo Survey



### Rapid Ethnography

How: Spend as much time as you can with people relevant to the design topic. Establish their trust in order to visit and/or participate in their natural habitat and witness specific activities.

Why: This is a good way to achieve a deep firsthand understanding of habits, rituals natural language, and meanings around relevant activities and artefacts.







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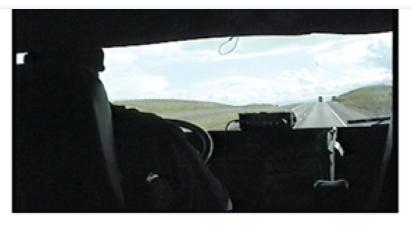
Rapid Ethnography

### Shadowing

Social Network Mapping

Still-Photo Survey

Time-Lapse Video







### Shadowing

How: Tag along with people to observe and understand their day-to-day routines, interactions and contexts.

Why: This is a valuable way to reveal design opportunities and show how a product or service might affect or compliment users' behaviour.



A Day in the Life

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Still-Photo Survey

Time-Lapse Video



### Social Network Mapping

How: Notice different kinds of social relationships within a user group and map the network of their interactions.

Why: This is a useful way to understand inter-personal and professional relationship structures within workgroups.



A Day in the Life

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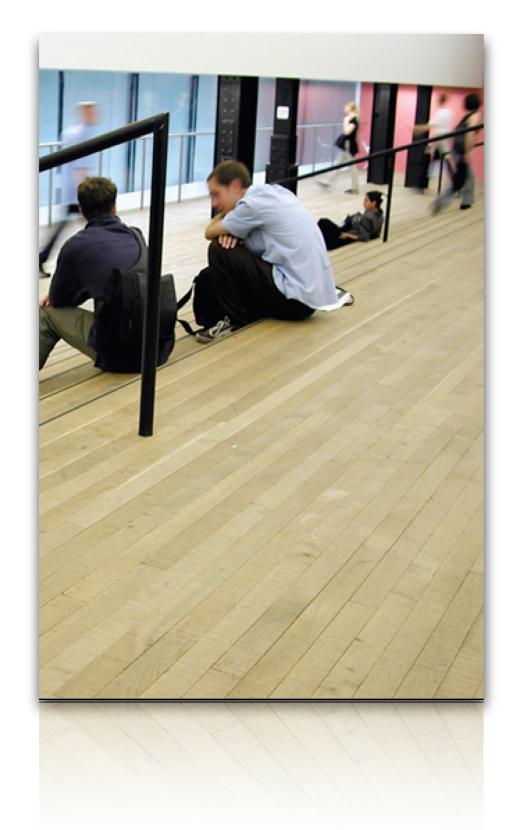
Time-Lapse Video



### Still-Photo Survey

How: Follow a planned shooting script and capture pictures of specific objects, activities, etc.

Why: The team can use this visual evidence to uncover patterns of behaviour and perceptions related to a particular product, service or context, as well as structure and inspire design ideas.



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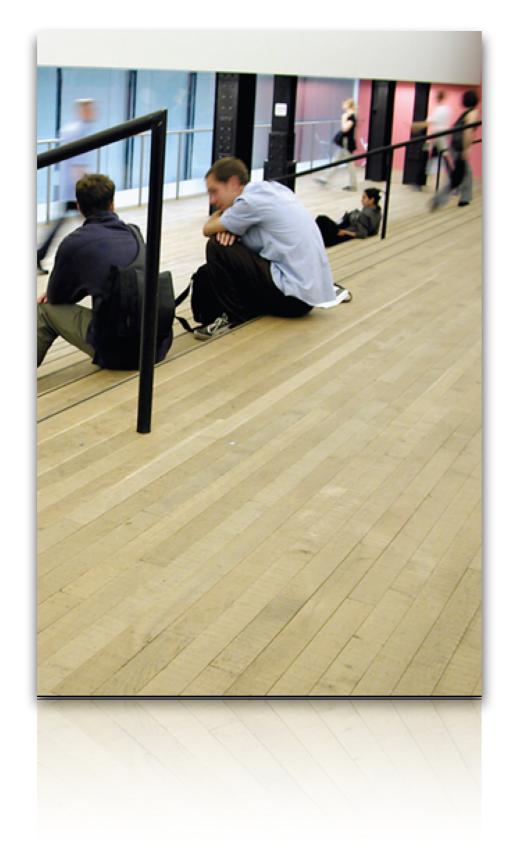
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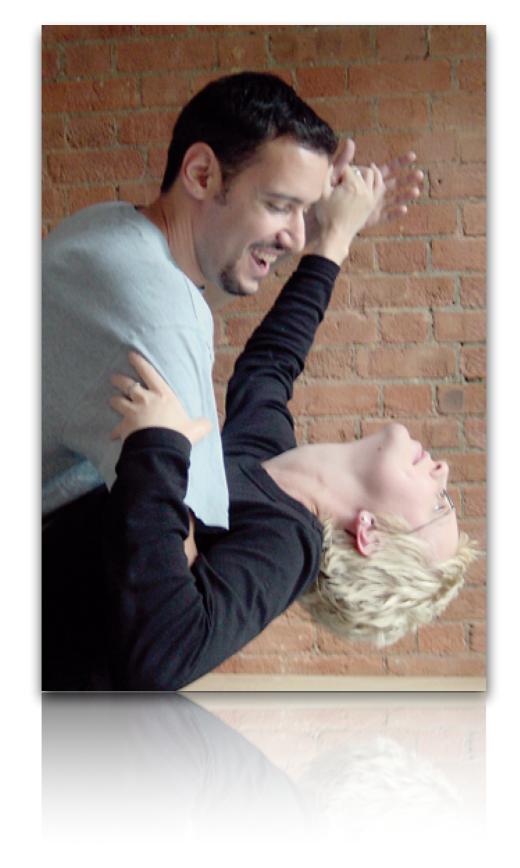
Time-Lapse Video



# Time-Lapse Video

How: Set up a time-lapse camera to record movements in space over an extended period of time.

Why: Useful for providing an objective, longitudinal view of activity within a particular context.



Behaviour Sampling

Be Your Customer

Bodystorming

**Empathy Tools** 

**Experience Prototype** 

Informance

Paper Prototyping

Predict Next Year's Headlines

Quick and Dirty Prototyping

Role-Playing

Scale Modelling

Scenarios

Scenario Testing



## Behavior Sampling

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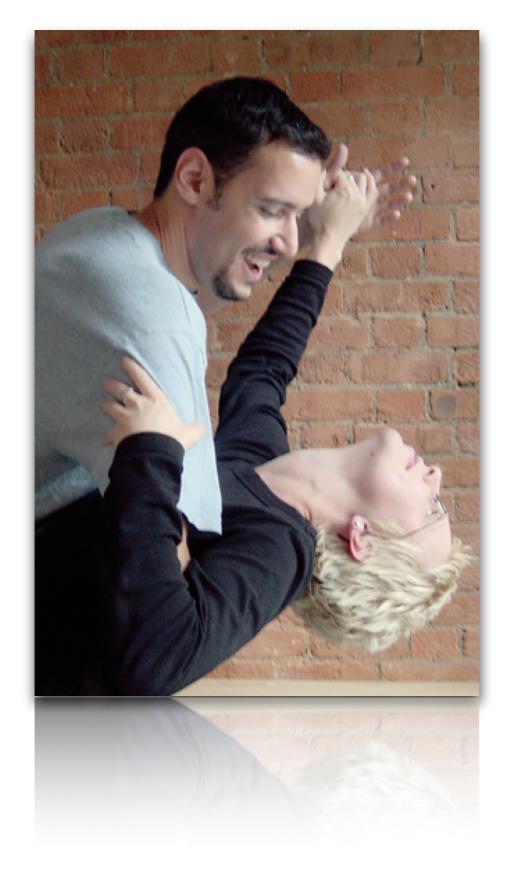
Quick and Dirty Prototyping

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## Behaviour Sampling

How: Give people a pager or phone and ask them to record and evaluate the situation they are in then it rings.

Why: This is a useful way to discover how products and services get integrated into people's routines in unanticipated ways.



Behavior Sampling

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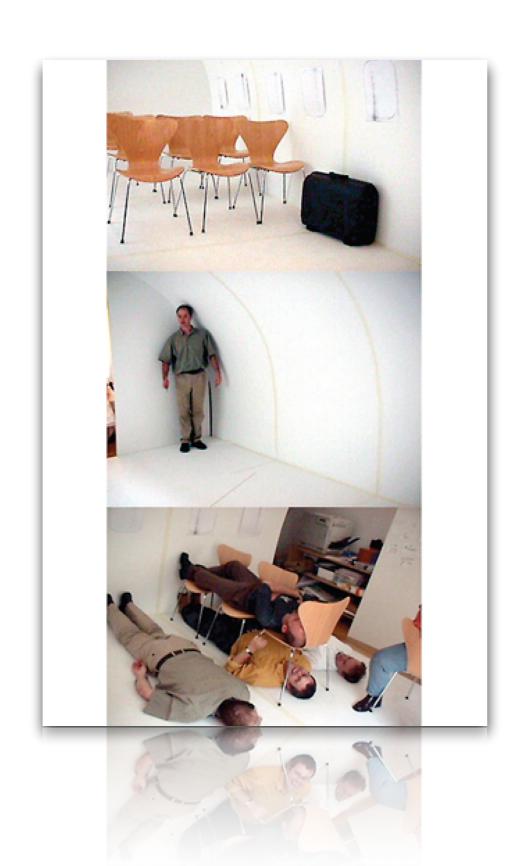
Scenario Testing



### Be Your Customer

How: Ask the client to describe, outline, or enact their typical customer's experience.

Why: This is a helpful way to reveal the client's perceptions of their customers and provide an informative contrast to actual customer experiences.



Behavior Sampling

Be Your Customer

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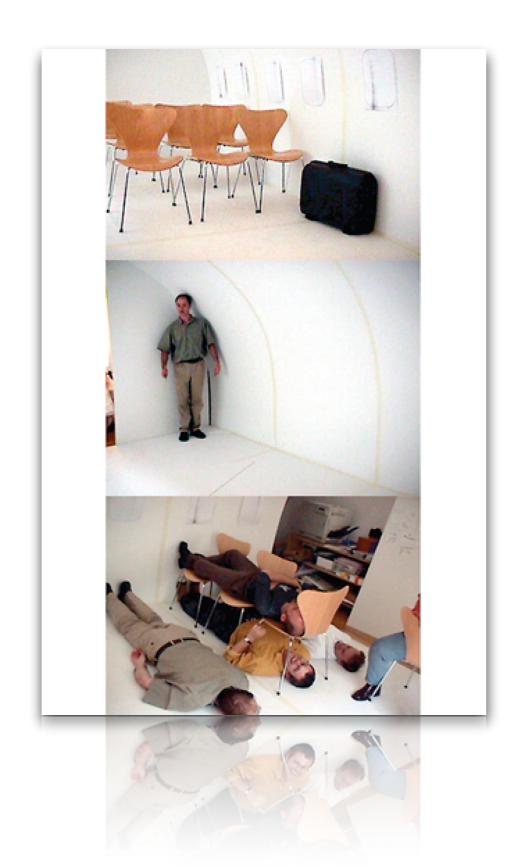
Quick and Dirty Prototyping

Role-Playing

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### Bodystorming

How: Set up a scenario and act out roles, with or without props, focusing on the intuitive responses prompted by the physical enactment.

Why: This method helps to quickly generate and test many context and behaviour-based concepts.



Behavior Sampling

Be Your Customer

Bodystorming

### **Empathy Tools**

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### **Empathy Tools**

How: Use tools like clouded glasses and weighted gloves to experience processes as though you yourself have the abilities of different users.

Why: This is an easy way to prompt an empathetic understanding for users with disabilities or special conditions.



Behavior Sampling

Be Your Customer

Bodystorming

**Empathy Tools** 

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Scale Modeling

Scenarios

Scenario Testing



### **Experience Prototype**

How: Quickly prototype a concept using available materials and use it in order to learn from a simulation of the experience using the product or service.

Why: This is useful fro revealing unanticipated issues or needs, as well as evaluating ideas.



Behavior Sampling

Be Your Customer

Bodystorming

**Empathy Tools** 

**Experience Prototype** 

### Informance

Paper Prototyping

Predict Next Year's Headlines

Quick and Dirty Prototyping

Role-Playing

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### Informance

How: Act out an "informative performance' scenario by role-playing insights or behaviour that you have witnesses or researched.

Why: This is a good way to communicate insight and build a shared understanding of a concept and its implications.



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## Paper Prototyping

How: Rapidly sketch, layout, and evaluate interaction design concepts for basic usability.

Why: This is a good way to quickly organise, articulate, verbalise and visualise interaction design concepts.



Look Ask Try Learn

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#### Predict Next Year's Headlines

How: Invite clients to project their company into the future, identifying how they want to develop and sustain customer relationships.

Why: based on customer-focused research, these predictions (projections) can help clients to define which design issues to pursue in product or service development.



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### Quick and Dirty Prototyping

How: Using any materials available, quickly assemble possible forms or interactions for evaluation.

Why: This is a good way to communicate a concept to the team and evaluate how to refine the design.



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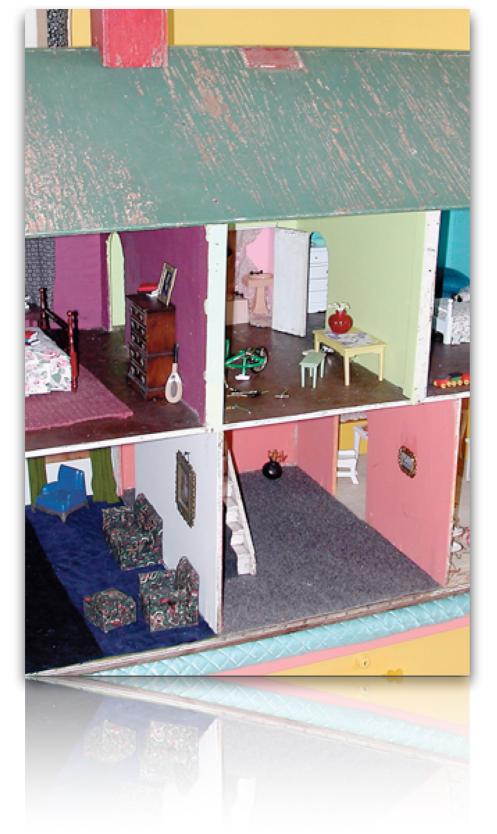
Scenario Testing



### Role-Playing

How: Identify the stakeholders involved in the design problem and assign those roles to members of the team.

Why: By enacting the activities within a real or imagined context, the team can trigger empathy for actual users and raise other relevant issues.



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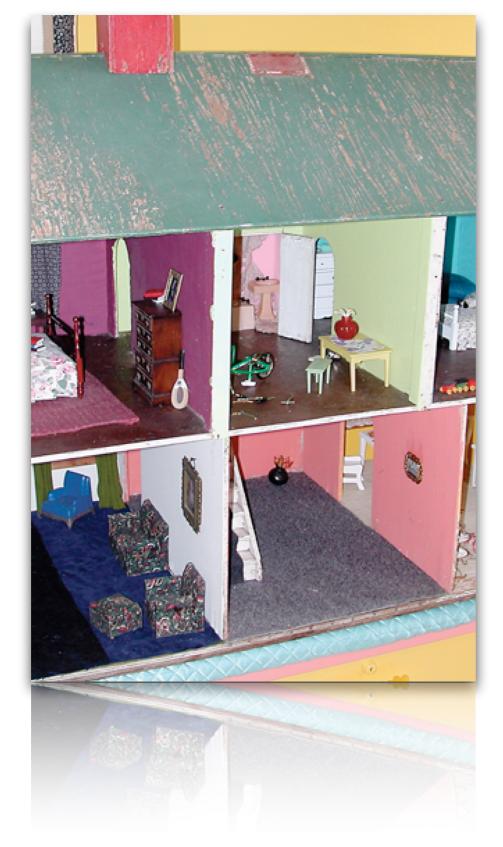
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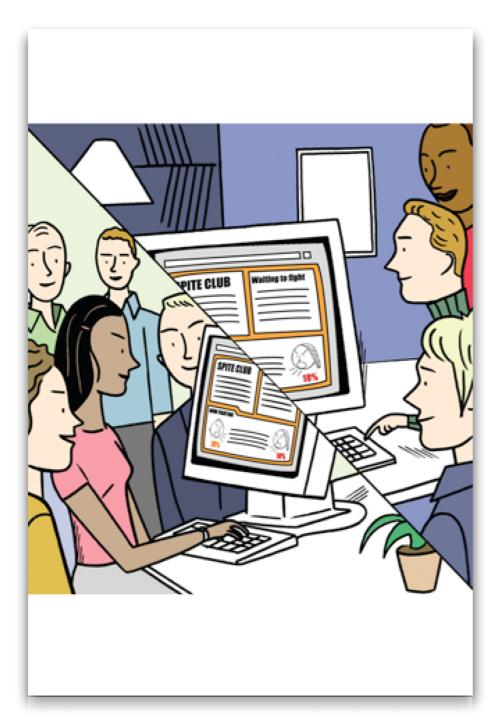
Scenario Testing



### Scale Modelling

How: Use scaled, generic architectural model components to design spaces with the client, team and/or users.

Why: This spatial prototyping tool provides a way to raise issues and respond to the underlying needs of different stakeholders.



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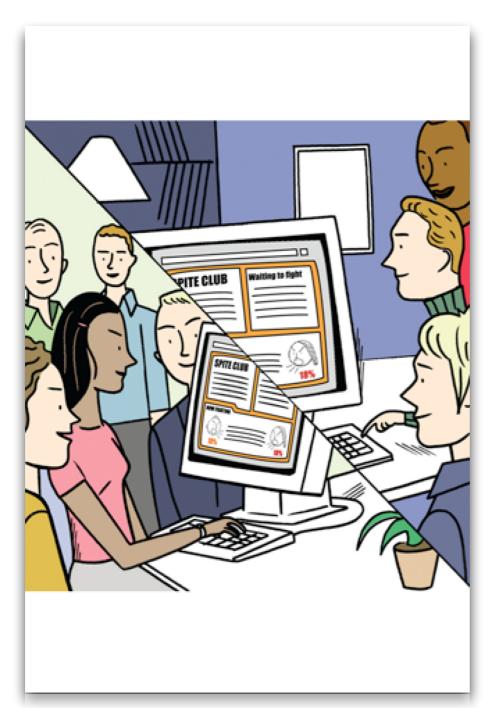
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### Scenarios

How: Illustrate a character-rich story line describing the context of use for a product or service.

Why: This process helps to communicate and test the essence of a design idea within its probable context of use. It is especially useful for the evaluation of service or product concepts.



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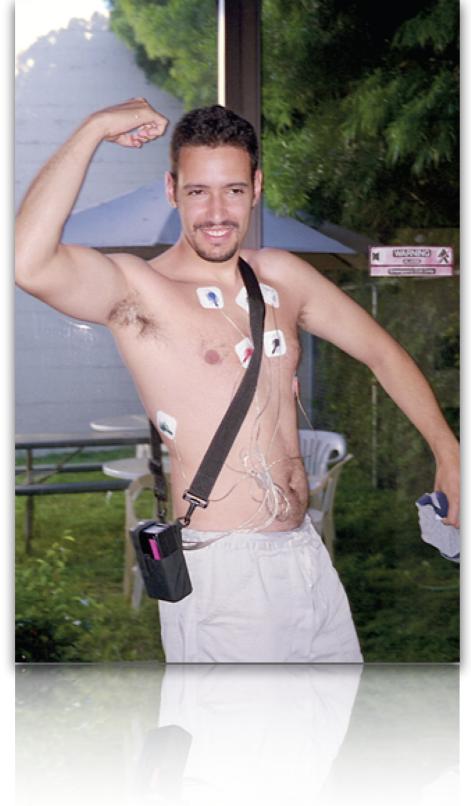
Scenario Testing



### Scenario Testing

How: Show users a series of cards depicting possible future scenarios and invite them to share their reactions.

Why: Useful for compiling a feature set within a possible context of use as well as communicating the value of a concept to clients.



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# Try It Yourself

How: Use the product, service or prototype you are designing.

Why: Trying the product or service being designed prompts the team to appreciate the experience the actual users might have.

