C:\Users\Biz901\Desktop\Prototype.twd Value Generative Creates ideas Allows the experience of design Show & Tell / Opens Communication, dialogue Written tell Reduces risk
Feedback Loop
Real World Value Regulatory/policy Documentation Wireframes Blueprints Branding Business/marketing Potential Prototype ___ representative model Fetch and read mail _Explore ideas tabulate few want ot read documentation elaborate requirements game points Use of simplified and incomplete model of design seldom allos for big picture others refine specifications too much room for interpretation test functionality Reduces Misinterpretation Software Architecture Verify requirements Experience it platform Technical Encourages play development tool optiminal performance Understand your audience and intent Increase likelihood they'll understand it Plan __70%_____ Plan a little- prototype the rest ease of use _Highlight what you need____ Set Expectations Learnability Saves Time, Effort, Money You can sketch Pragmatics Usability Guiding Principles _Don't mak it elaborate Satsfactory Leavel Can't make it, Fake it. Cognitive and ergonomic Written by wrong person Prototype what you need! User Research Reduce Risk - Early and often Significant time and effort used Field Engineers, Sales Force Define user or user group Seldom happens Final Documentation Things change Resource: Prototyping: A Practitioner's User Group Forums Traditional requirements driven not cookie cutter Guide by Todd Zaki Warfel, Rosenfeld Misinterpretation develop task flows and scenarios a means to an end A Process is Process Media flexible Nonessential features _Design is a process_ Audience Reduces Waste Mistakes caught to late Stage Decisions by right people Speed Survivial of strongest solution Longevity Adaptive Determine Characteristics Include Prototyping_ Reduce misinterpretation Expression Focus Phases Fidelity Can be non-linear Catch mistakes early Sketching Style Prototype Reduce risk Storyboards Linear Medium Presentation___ 3 min. Card Sorting Critique ___ 2 min. Evaluation Wireframe Goal to find best ideas Storyboarding Prototype Paper Prepare Repeat Evaluatuion stage Digital Modeling 🛴 Choose a method Video incr time limit With Client Leave behind Sketch revisions Wizard of Oz Miniature Useability Test 8-12 participants
5-6 scenarios 3D Modeling Shared Communication PROTOTYPE With End User Audio-video capture VALIDATE Working thorugh a design Anaylsis Reporting Selling your idea internally Types Elements Usability Testing is a process, not an event Usability Testing Poor Planning Gauging Technical Feasibility & Value Not recruiting the right participants Choose a tool Poorly formed research questions Mistakes Poor Test Moderation Select Design Criteria Findings Testing _Wrong method to communicate___ Create the design Design Build the prototype Preperation Key characteristics Define and communicate What you want & don't want PRESENY Validate with experts and users consent forms Definition of new product Another prototype Transfer effectivley results to next steps PT001: Figure 2.1 Test Scenarios Further development of product Diagram of the iterative design and critique process. Warfel, Todd Zaki. 2009. Prototyping: A Practitioner's Guide. New York: Rosenfeld Media. Observations Feedback Observation Track / Time Stamp Analyze and Determine next steps Title: Joseph T. Dager Date: 1/24/2012 Prototype Author:

File:

Prototype.twd

Company:

Business901