PAPER PROTOTYPES
Rapid Prototyping 1 of 3: Sketching & Paper Prototyping

Google for Entrepreneurs

Published on Aug 8, 2016

Mariam Shaikh and Melissa Powel talk about sketching and paper prototyping. Have you ever struggled with how to get from an idea to a high fidelity prototype? Every design has to start somewhere and even at Google we often start with low fidelity prototyping options such as sketching and paper prototyping. After all, the fidelity of your prototype should match the fidelity of your idea, so stop worrying and start sketching and prototyping.
This is a paper prototype for a smart watch fitness application. I made this for my university subject, Usability Engineering INFO30004.
WIREFRAMING
How to wireframe a website | CharliMarieTV

Published on Aug 15, 2015

Wireframing is the first stage of the web design process, and in this video I show you how I do it and give you some advice! Please remember to subscribe http://bit.ly/1aE5U0T
SOFTWARE TOOLS
Have an app idea?
Make this real, with POP.

Whether you’re a student, a designer, or an entrepreneur, POP helps you transform your pen + paper ideas into a real working prototype.
Simple design, prototyping and collaboration

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GE2313 — PAST PROJECTS
CARDBOARD PROTOTYPES
How to make a cardboard prototype

Published on Dec 11, 2014
https://www.quirky.com/blog/post/2014...

Wait! Don’t toss that box. Turn it into a cardboard prototype. Ordinary boxes are the perfect building blocks for making a prototype that’ll help you visualize your ideas and test them before you start building them! Let’s get started!
New Google Cardboard Hands-on! (JUST DO IT)

Published on Jun 3, 2016

At Google I/O 2015 last week, Google revealed its plans to make Cardboard even better than it is now. The new viewer is still made out of cardboard—nothing has changed there—but it accommodates larger devices now, and even work with iPhones.
CONNECTED MEDICINE DISPENSING SYSTEM
STORYBOARDING/STORYTELLING
And just like with your CPU, you can look under the hood with Google Chrome's Task Manager to see what sites are using the most memory, downloading the most bytes, and abusing your CPU.

Why is this application downloading the entire internet?

So, when things start freaking out, you'll finally have some insight into who's misbehaving and why --

Snap!

And Eliminate 'Em.

Placing blame where blame belongs.

Google Chrome is a massive, complicated project that will need to load billions of different web pages. So, this is critical.

Within 20-30 minutes of each new browser build, we can test it on tens of thousands of different web pages.

Each week, "ChromeBot" tests millions of pages, giving our developers early results they'd otherwise have to wait until external beta for.

The key is catching problems as early as possible. It is less expensive and easier to fix them right away, after a few days it is harder to track them down.

Splat!

Erik Kay, Software Engineer.

Fortunately, here at Google, we have an equally massive infrastructure for serving web pages.

And catching them early helps engineers write better code. They say, "Oh, this mistake is part of a pattern" and the next time, they're less likely to make it."
Tom lives alone. He is suffering from depression having just lost his job. He feels hopeless and alone.

Tom’s friend Susan has noticed that something is wrong with Tom, but she’s not sure how to reach out to him.

Susan downloads the Heartline app onto her phone.

...and then adds some of Tom’s other friends to help check in on him.

Periodically, the app will remind Susan and the others to check in on Tom.

Susan checks in with Tom and lets him know how much she cares about him. Tom begins to feel less disconnected and alone.

Periodically, as Tom’s friends are reminded, they check up on him, and Tom is reminded of his support system.
Try it out

Life hears about Equilibrium from a co-worker, who mentions that it's a cool way to see how you spend your time.

She checks it out and is intrigued by the idea of a report based on her own schedule.

She sees an interesting picture of how she's really spending her time.

You spend a lot of time on email. Studies show you can work more efficiently if you do only a few things a day.

How can you do it over your long workday?

You have 15 minutes to spend on email.

Do newest emails.

Delete an old one.

Read all from one inbox.

The next day, she gets interesting and timely reminders.

You sign up to receive other reminders for good-for-her things throughout the day.
Zen: Multiple Courses Storyboard

Sit & Order
First time customers Ann and Andy are taken to their table where they browse the menu on the iPad and place an order for drinks and appetizers.

Beverages Delivered
The waiter brings over their drinks promptly.

Apps Delivered
The appetizers are brought to their table.

Second
Next up entrees.

Dinner is Served
The waiter brings out the entrees.

Swipe & Done
Andy swipes his card to pay and opts for an email receipt.
Jean is traveling to Madeira alone on vacation. It's his first time in Madeira.

On his Madeira guide, he reads about the Levada walks and decides to search for an app that can help him organize a walk.

He finds WeWalk app, downloads it, and creates a profile.

He searches for a group to walk a levada with.

He joins a group and coordinates with the host on the transportation.

On the day of the levada walk, he meets up with the group at the agreed meeting point and time. He spends a great day outdoors with his newfound friends.
Every great experience starts with a great story
Scenes: A New Method and Tool to Create Storyboards

Storyboards are a powerful way to communicate user requirements and to validate ideas before they are fully designed or implemented. They are used during the earliest stages of the design process to visualize design solutions, and to create a common understanding about the problem to be solved. But what if there is not enough time to draw them or the necessary skills are missing?
VIDEOS OF YOUR PROTOTYPE
THE YEAR IN KICKSTARTER: 2010

Projects We Love: Music
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QUESTIONS?