Design *for* Developers

GitHub repo: github.com/sdras/design-for-developers

twitter: @sarah_edo

Section 1:

Prototyping

Github repo: *github.com/sdras/design-for-developers*

Loaders

Perceived Performance

Humans over-estimate passive waits by 36%
- Eli Fitch and Richard Larson, MIT

Uncertain waits are longer than known, finite waits- Disney world/Airports- entertainment while waiting

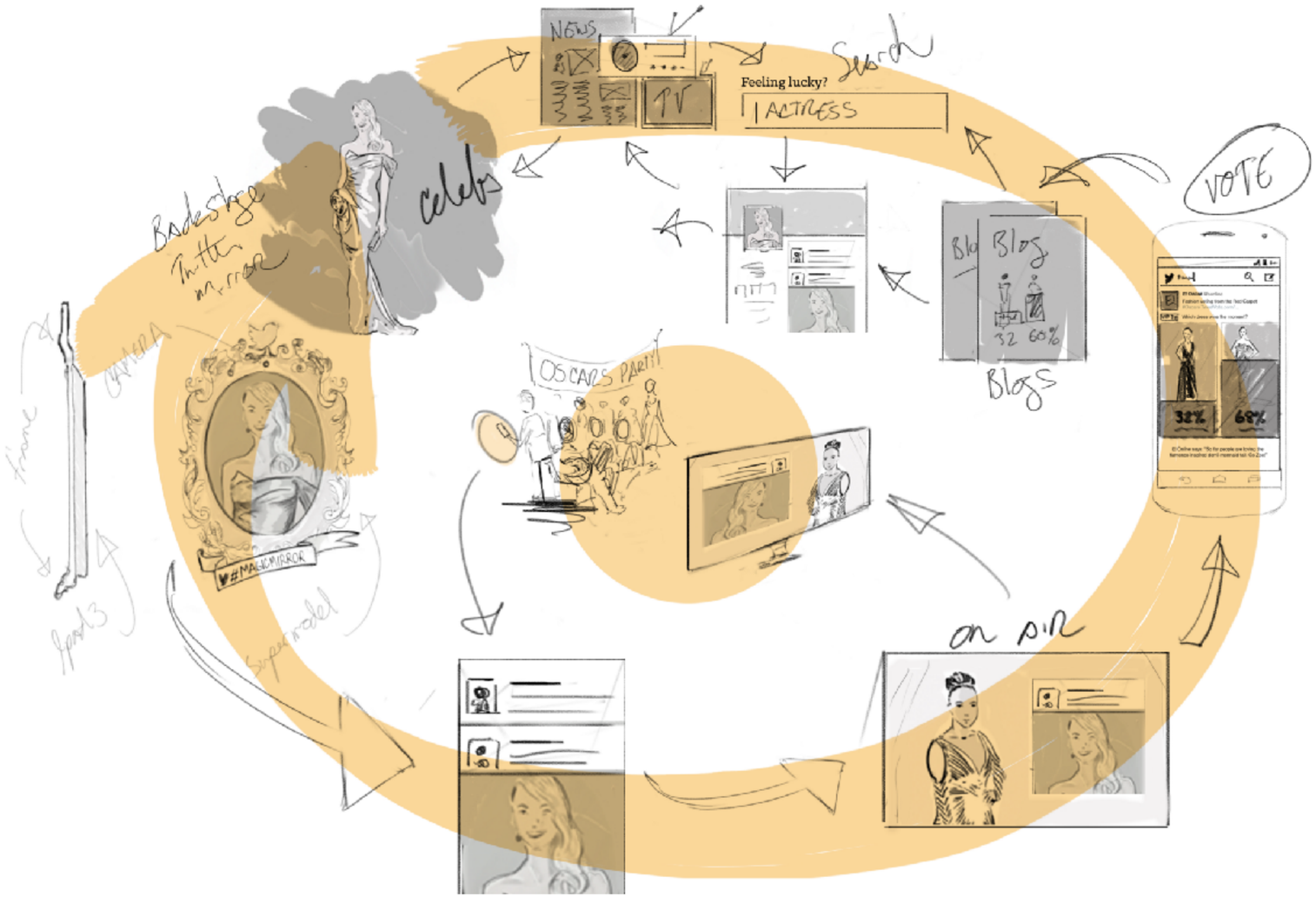
Perceived wait times- people are willing to wait twice as long for a custom experience
- Viget

Anxiety makes waits seem longer
- doctor exam rooms

As...	I expect that...	So that...
[Identify the user]	[Describe the task]	[Explain the anticipated outcome]

Geoff Graham: On Feature Requirements

Where are they trying to go?

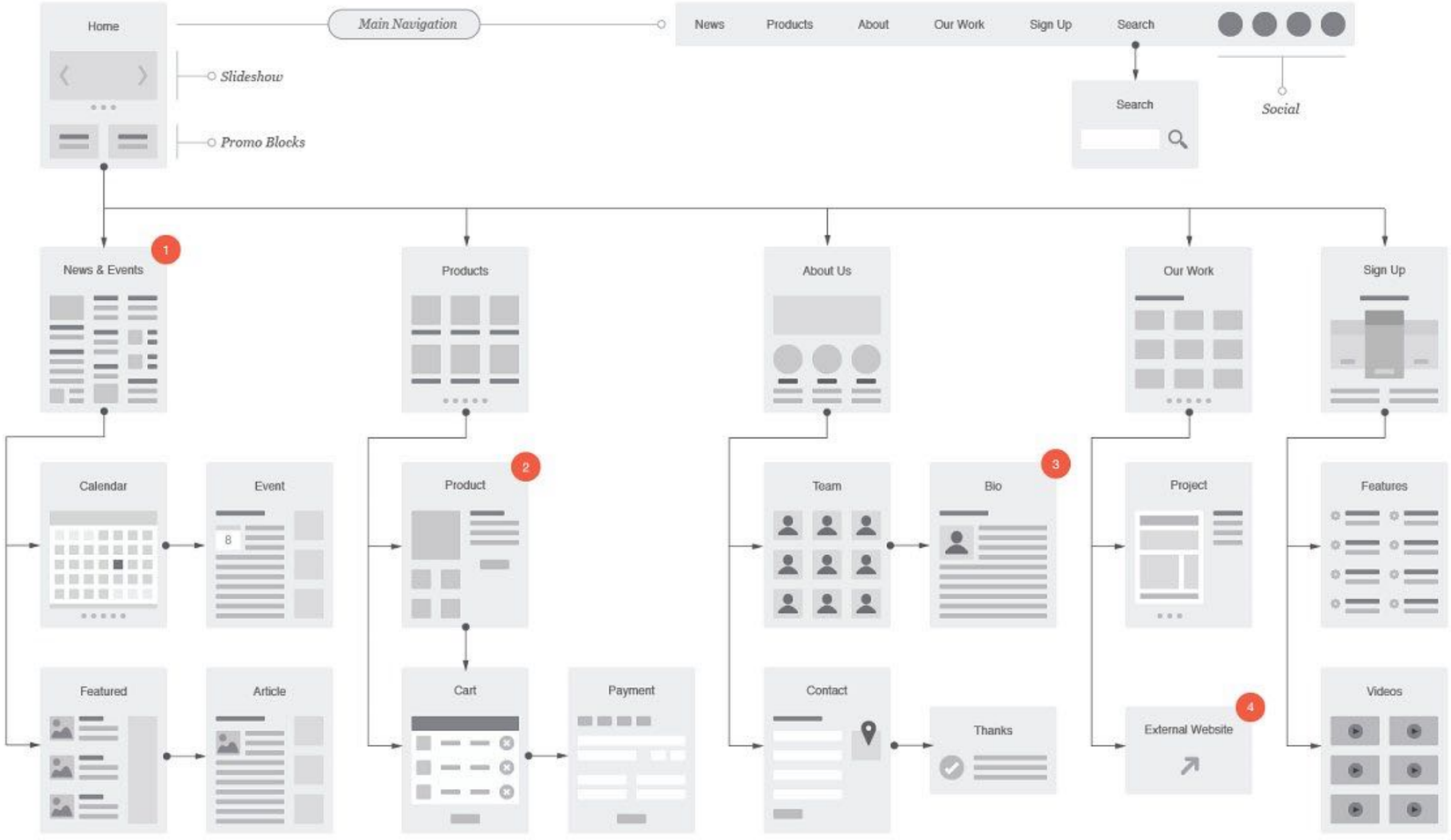


https://medium.com/design-story/story-map-3cc64033128e

Story Maps

PROTOTYPING TOOLS

End to end website flows



1 *Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur massa urna, sollicitudin sit amet ante at, aliquet tincidunt enim. Cras dapibus non nisi.*

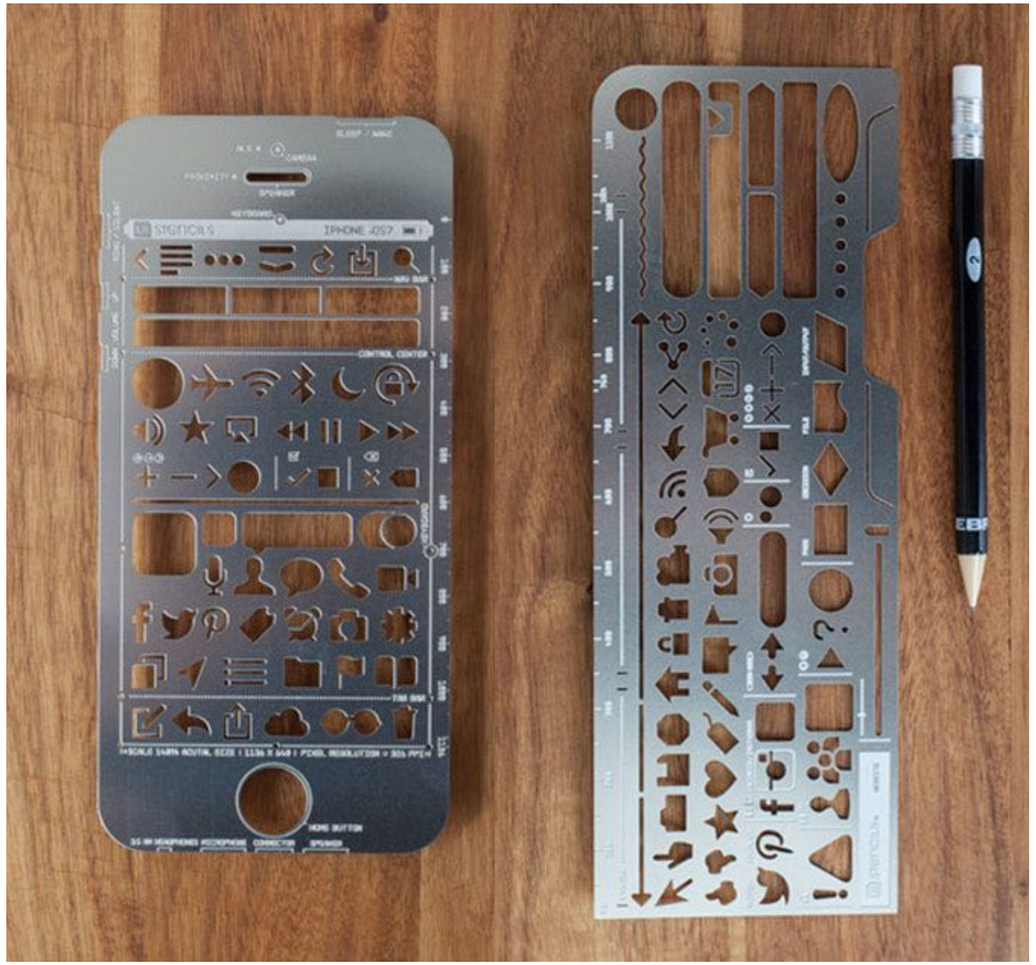
2 *Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur massa urna.*

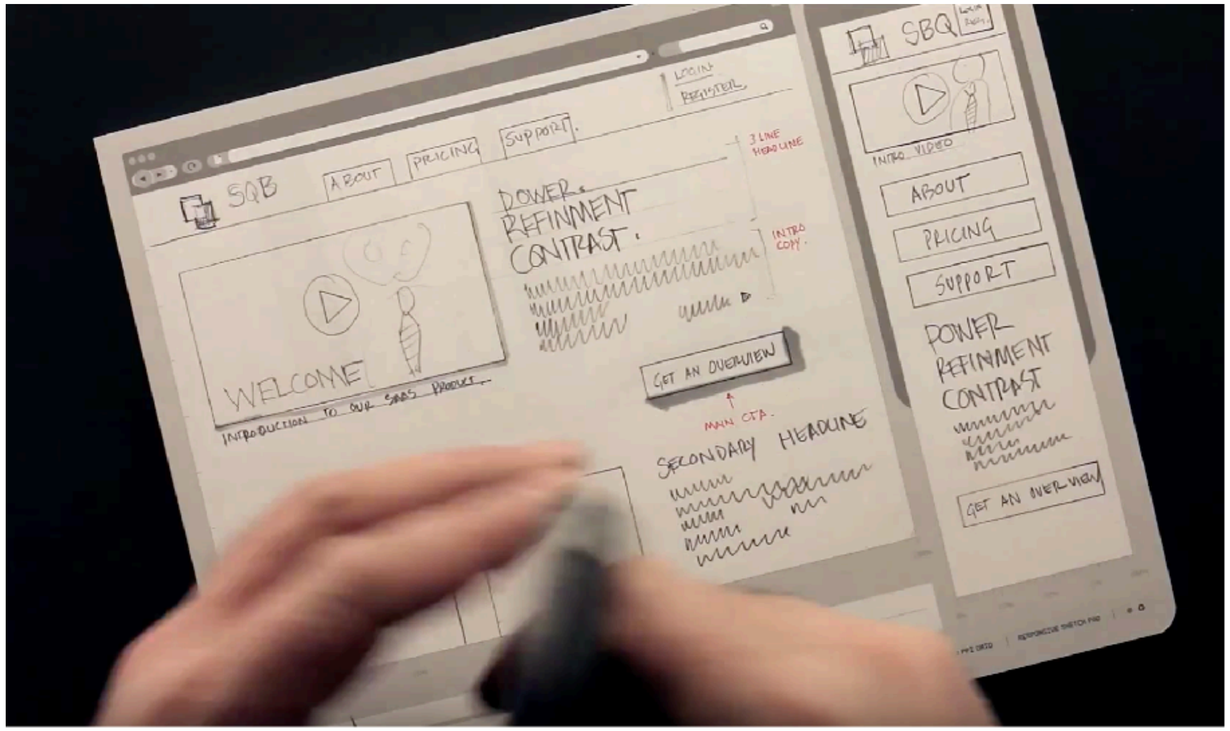
3 *Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur massa urna, sollicitudin sit amet ante at, aliquet tincidunt enim. Cras dapibus non nisi.*

4 *Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur massa urna.*

PROTOTYPING TOOLS

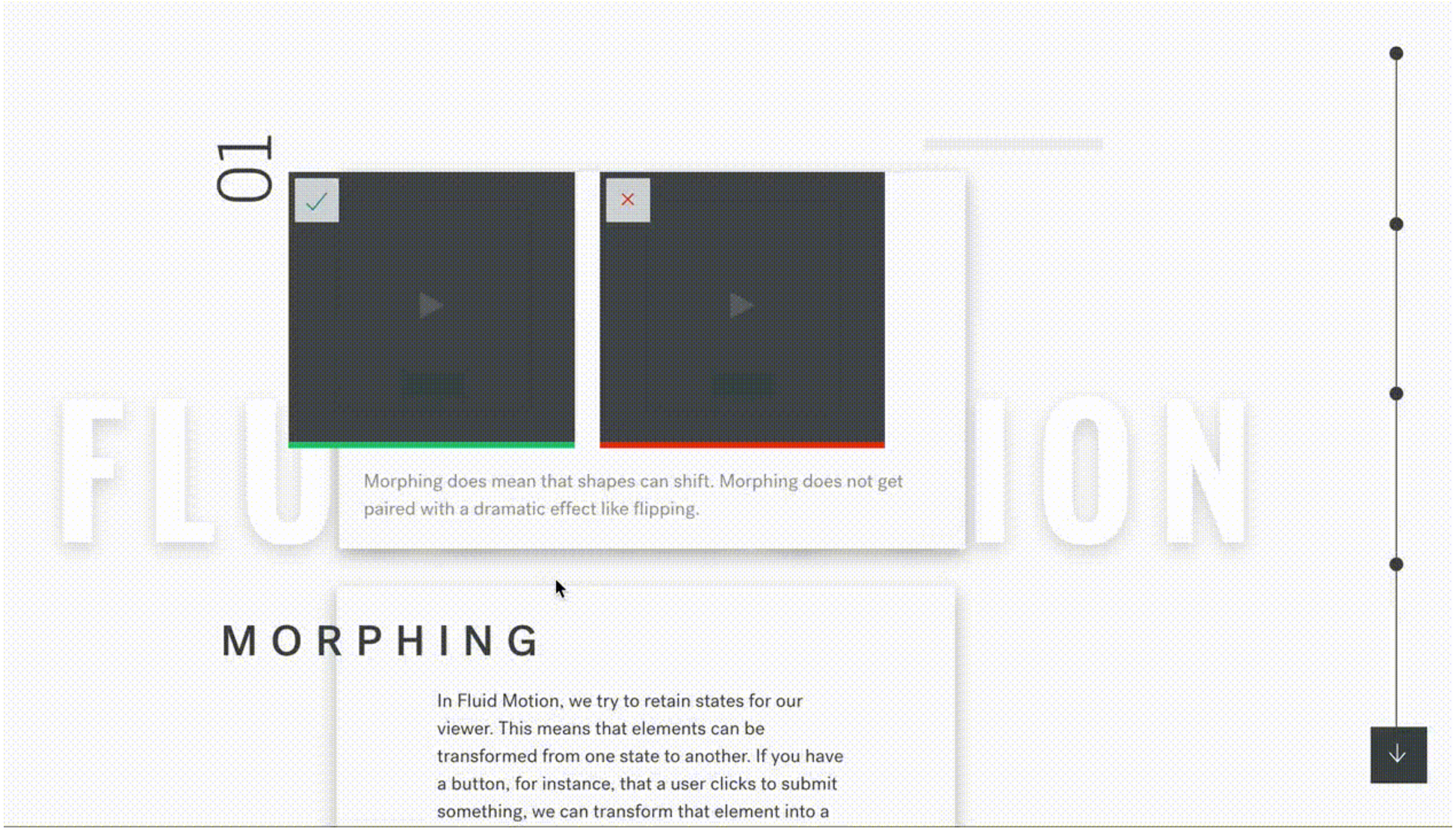
UI Stencils





CONSISTENCY

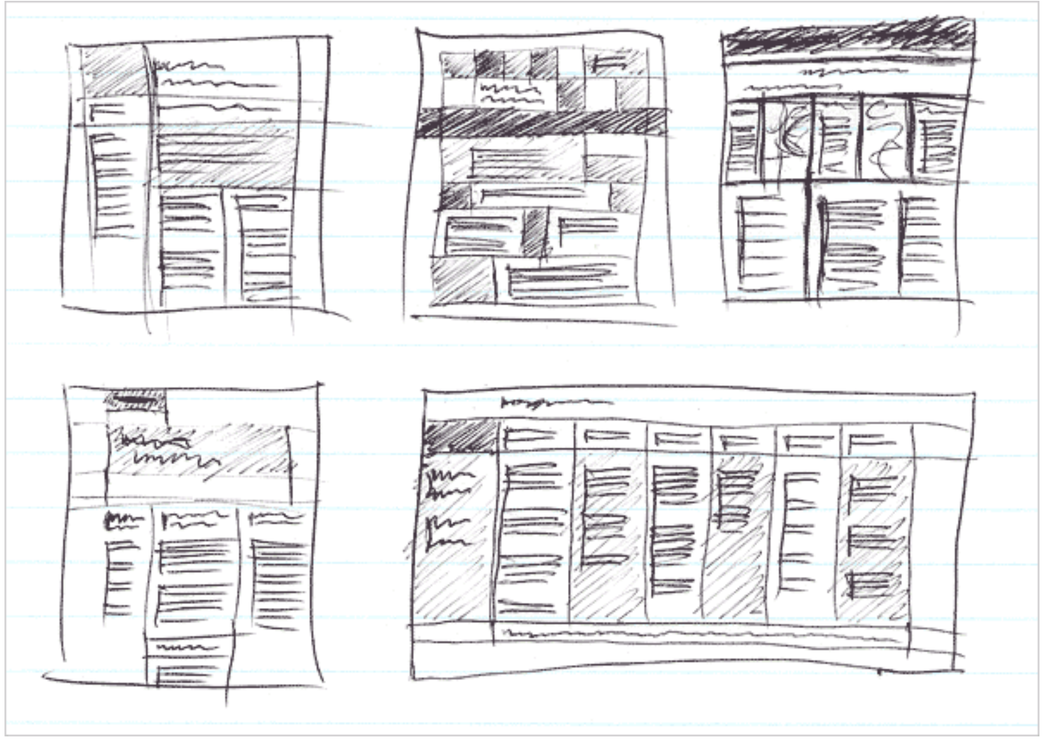
Motion Design Language

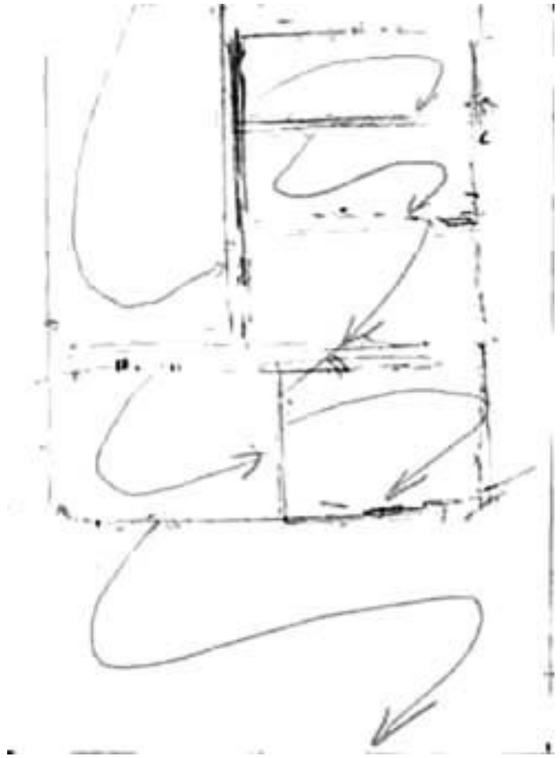


Types of Prototypes

PROTOTYPING

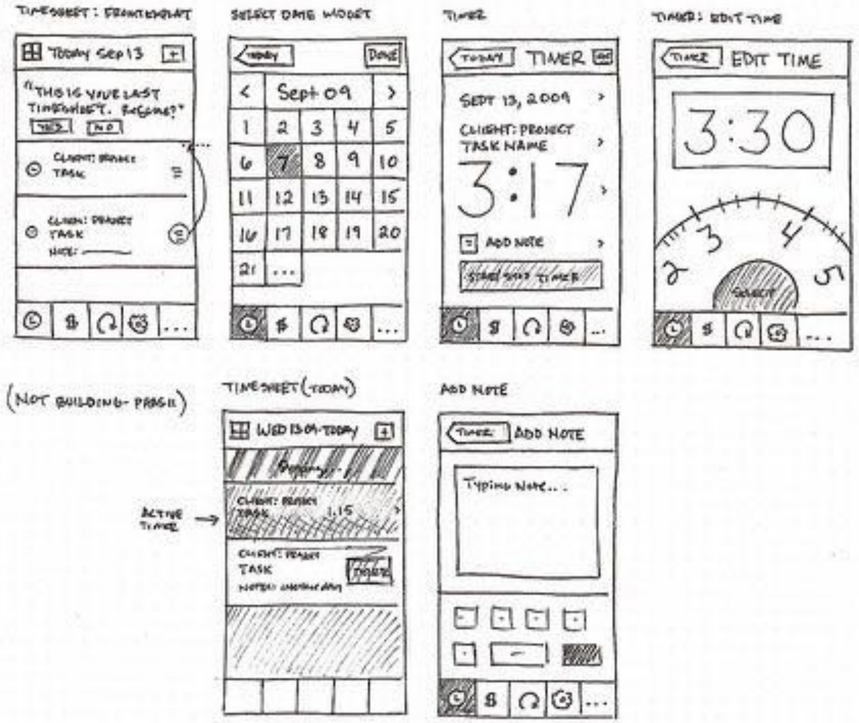
Thumbnails





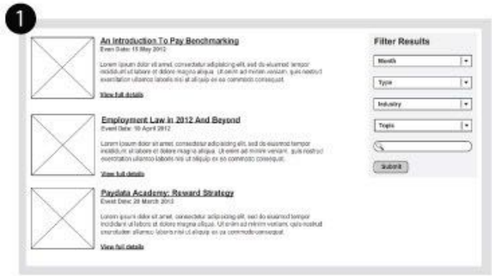
PROTOTYPING

Storyboards



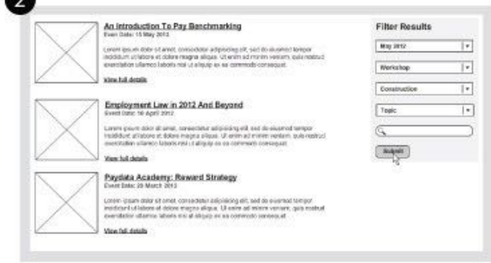
Goal: Find out about new HR Events & Seminars

1



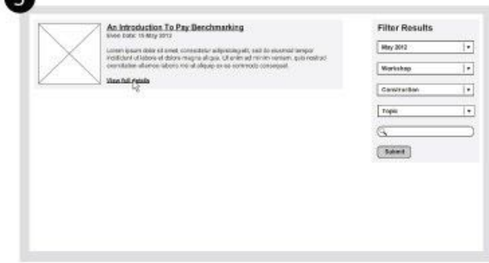
Sam works for a construction company. She want's to find a new event to help her learn more about pay benchmarking.

2



She applies a filter so that she is only shown workshops taking place in May that are specific to her sector.

3

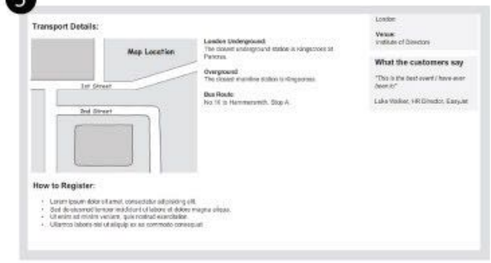


The filtered results show her a workshop that looks interesting. She reads the excerpt and it sounds like exactly what she needs.

4

Sam navigates to the event details. She sees it is in London on 20 April 2012. The event sounds interesting but she wants to know if it is any good. Testimonials from past attendees sound promising.

5

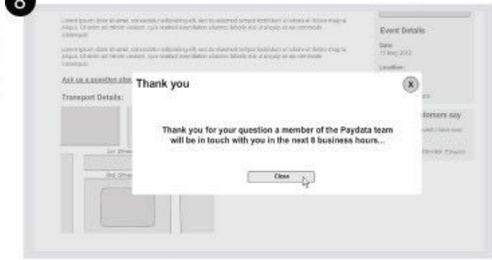


She is interested in the event but would like to know how long it will take to get there and the best transport routes.

6

Sam has a quick question but is very busy. She doesn't really have time to phone Paydata so uses a quick contact form to get in touch.

8



A thank you message is displayed confirming that a member of the Paydata team will be in touch by the end of the day.

7

Paydata respond to Sam and she decides to register for a place on the workshop.

8

She enters her details into the form provided. Paydata will get in touch later to confirm her place.

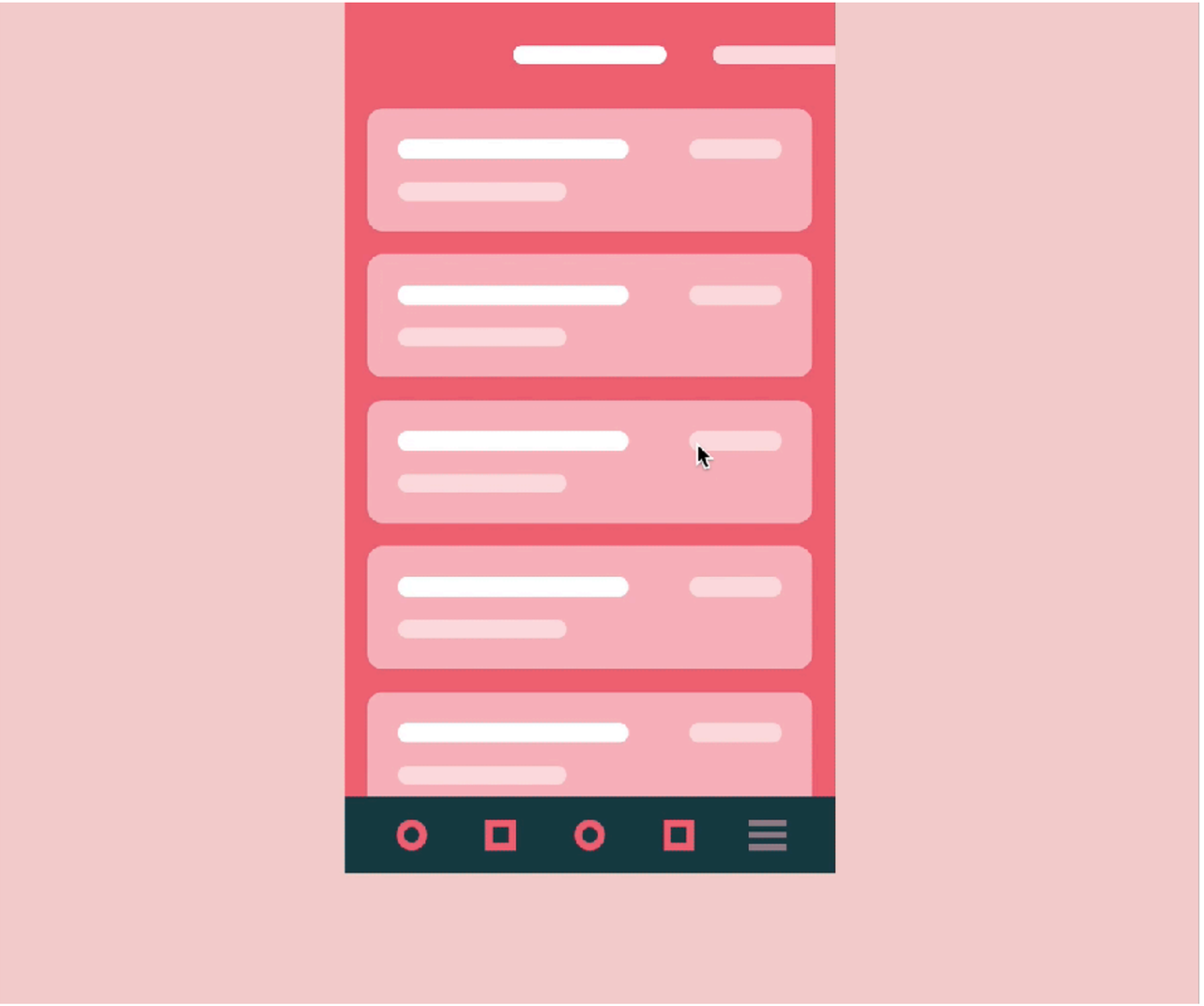
PROTOTYPING

Low-fi Prototype

https://codepen.io/sdras/pen/594d891abedf804e87bffe48ee30aace

PROTOTYPING

Low-fi Prototype



Yusuf Bakır https://codepen.io/yusufbkr/pen/ORBArk/

PROTOTYPING

High-fi Prototype

Choose repo2

A PEN BY Sarah Drasner PRO

Run | Save | Fork | Settings | Change View

HTML

```
<div id="container"></div>
```

CSS (SCSS)

```
$dark: #0F161A;
$turq: #0BE5E5;

body {
  background: $dark;
  color: white;
  font-family: 'Khula', sans-serif;
}

.pagearea {
  margin: 100px auto;
  max-width: 700px;
  position: relative;
```

JS (Babel)

```
const { TransitionGroup } = React.addons;

class Shape extends React.Component {
  constructor() {
    super();
  }

  componentDidMount(callback) {
    const el = this.shape;
    const elChild1 = this.shape.childNodes[0];
    const elChild2 = this.shape.childNodes[1];
    const tl = new TimelineMax();

    TweenMax.fromTo(el, 0.3, {
```

Select a local directory for a component repo

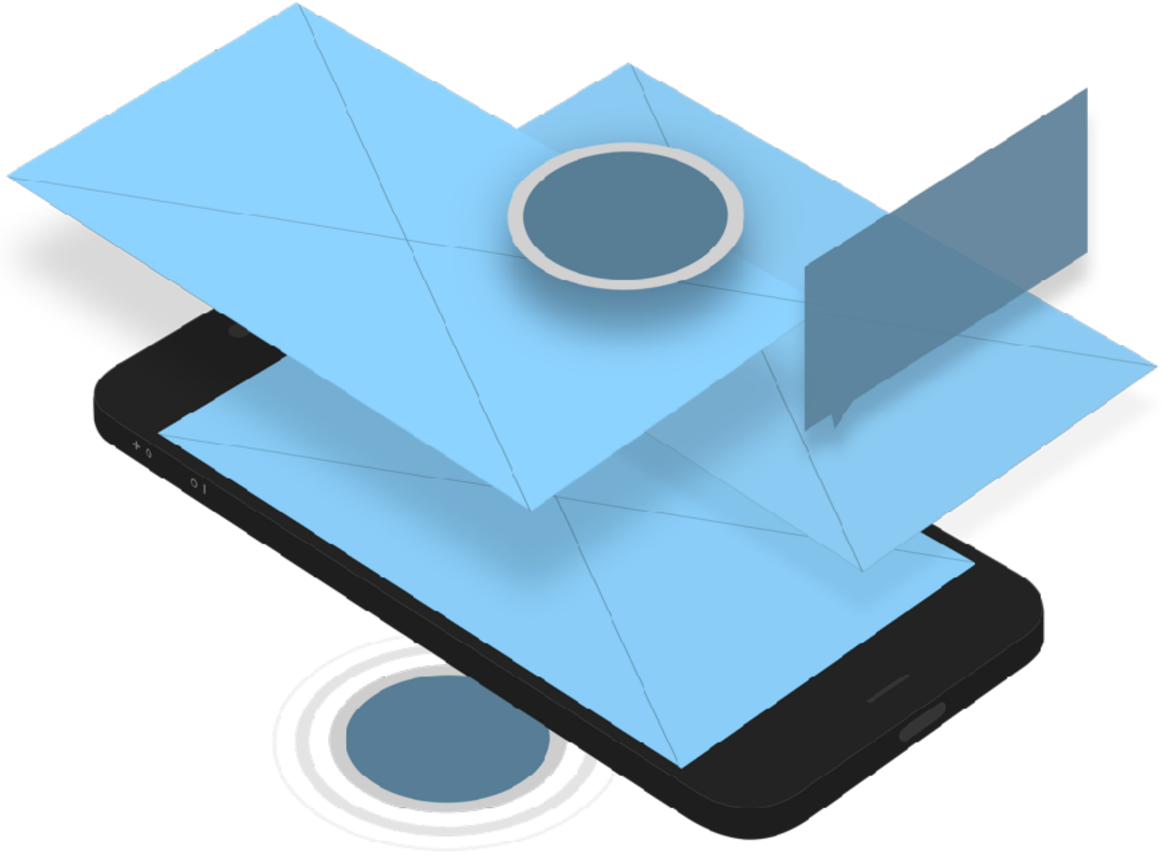
Choose File No file chosen

https://codepen.io/sdras/pen/2ae1eadb3a80e26daf3aae54cd148c61

Prototyping

High fidelity

Screenshot and Absolutely Position

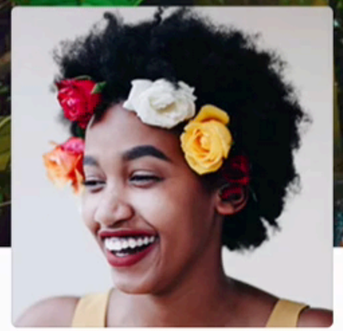


PROTOTYPING

High-fi Prototype

Secure | https://page-transitions.com

Sophia's Home Sophia's Places Sophia's Group Trips



Follow

Sophia Gonzalez

Had a brief careerwith jack-in-the-boxes in Phoenix, AZ. Spent several months managing squirt guns and implementing toy elephants.

Followers 2748

Following 789

Honululu

Rating: 8.9

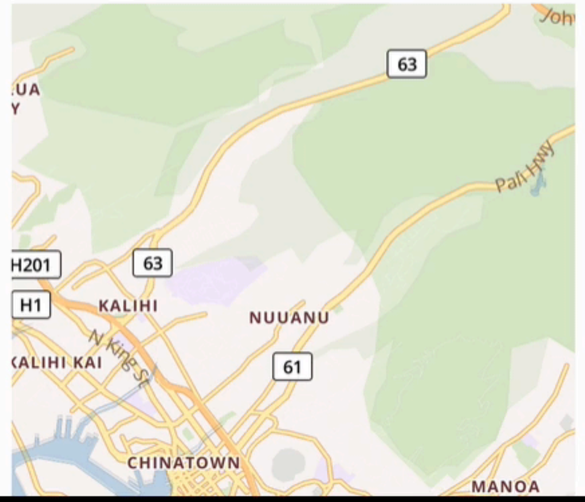
Ocean breezes rustle palm trees along the harborfront, while in the cool, mist-shrouded Ko olau Range, forested hiking trails offer postcard city views. At sunset, cool off with an amble around Magic Island or splash in the ocean at Ala Moana Beach.

Santorini

Rating: 7.8

With multicoloured cliffs soaring above a sea-drowned caldera, Santorini looks like a giant slab of layered cake. The main island of Thira will take your breath away with its snow-drift of white Cycladic houses lining the cliff tops

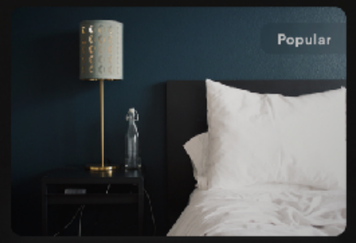
Checked in at Honolulu location



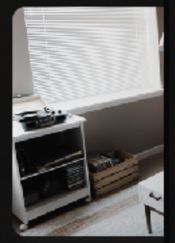
Hotel
Packages

Experience you journey in the best possible way with our travel packages.

Featured Packages View All



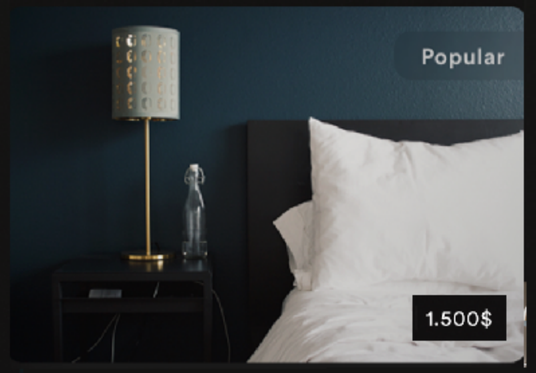
Design Hotel Cortez
Arnhem, 500m centrum
★★★★ 1.500$



Waldorf
Amsterdam, 1km
★★★★★ 2.

Popular Places Map

Arnhem | Eindhoven | Rotterdam | Amsterdam | Utrecht | Hilversum | Ni



Design Hotel Cortez

Arnhem, 500m centrum
★★★★

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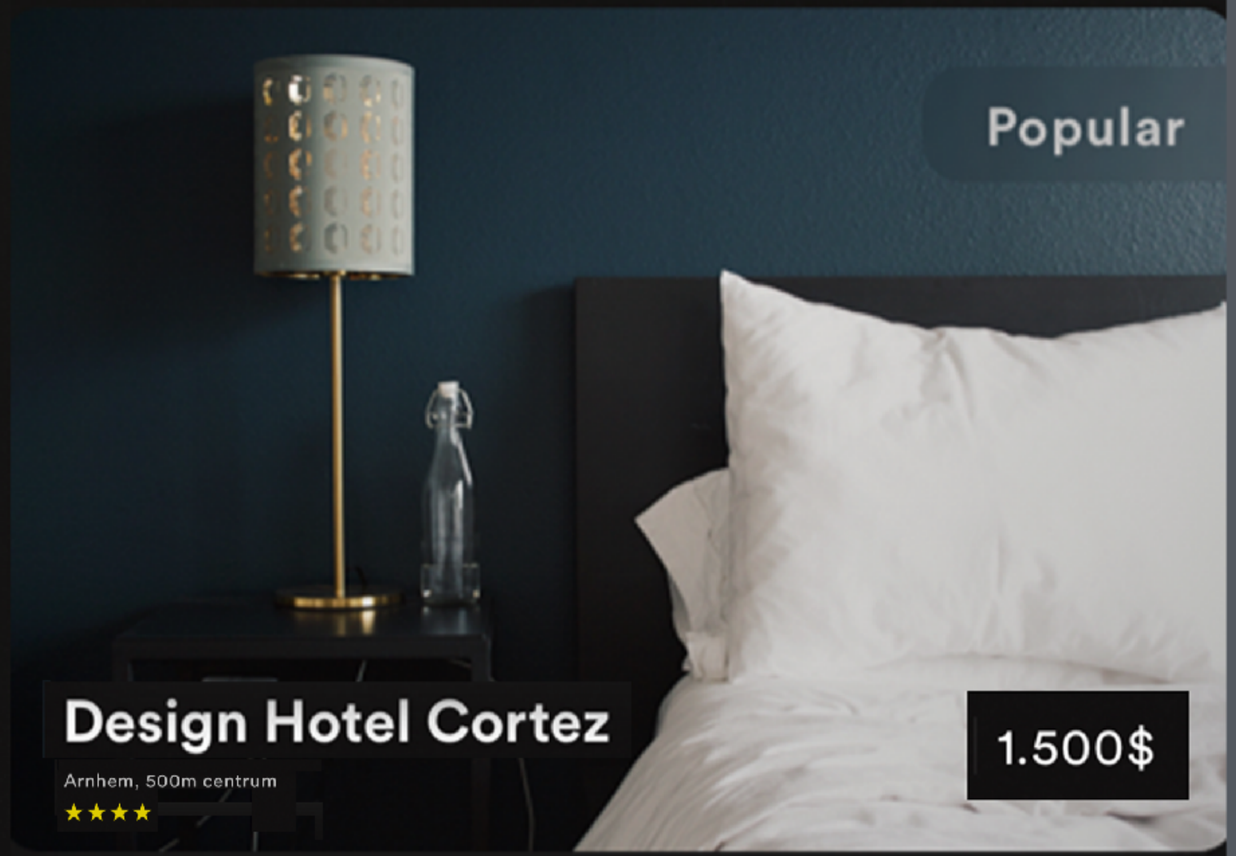
Popular Places Map

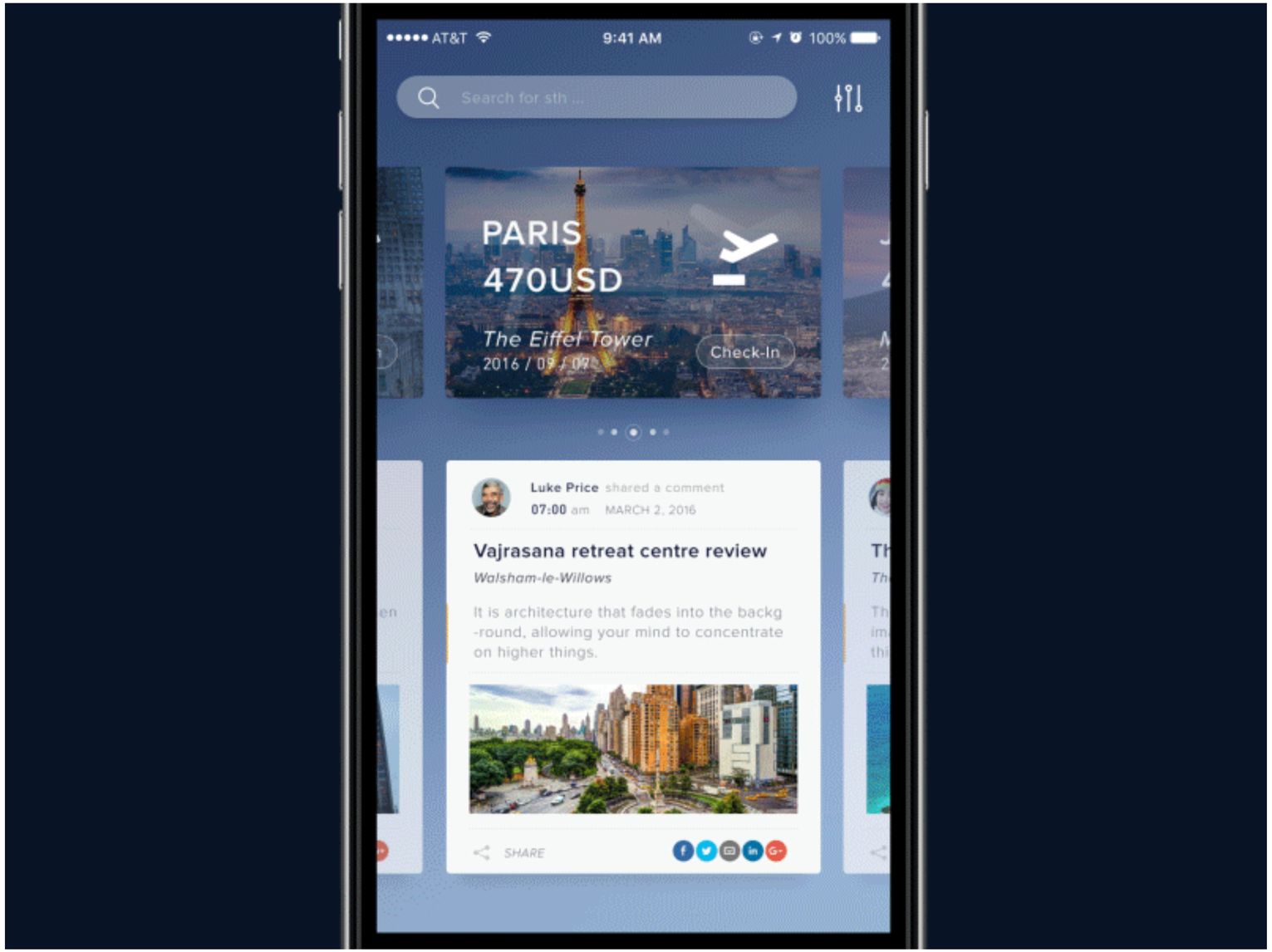
Arnhem | Eindhoven | Rotterdam



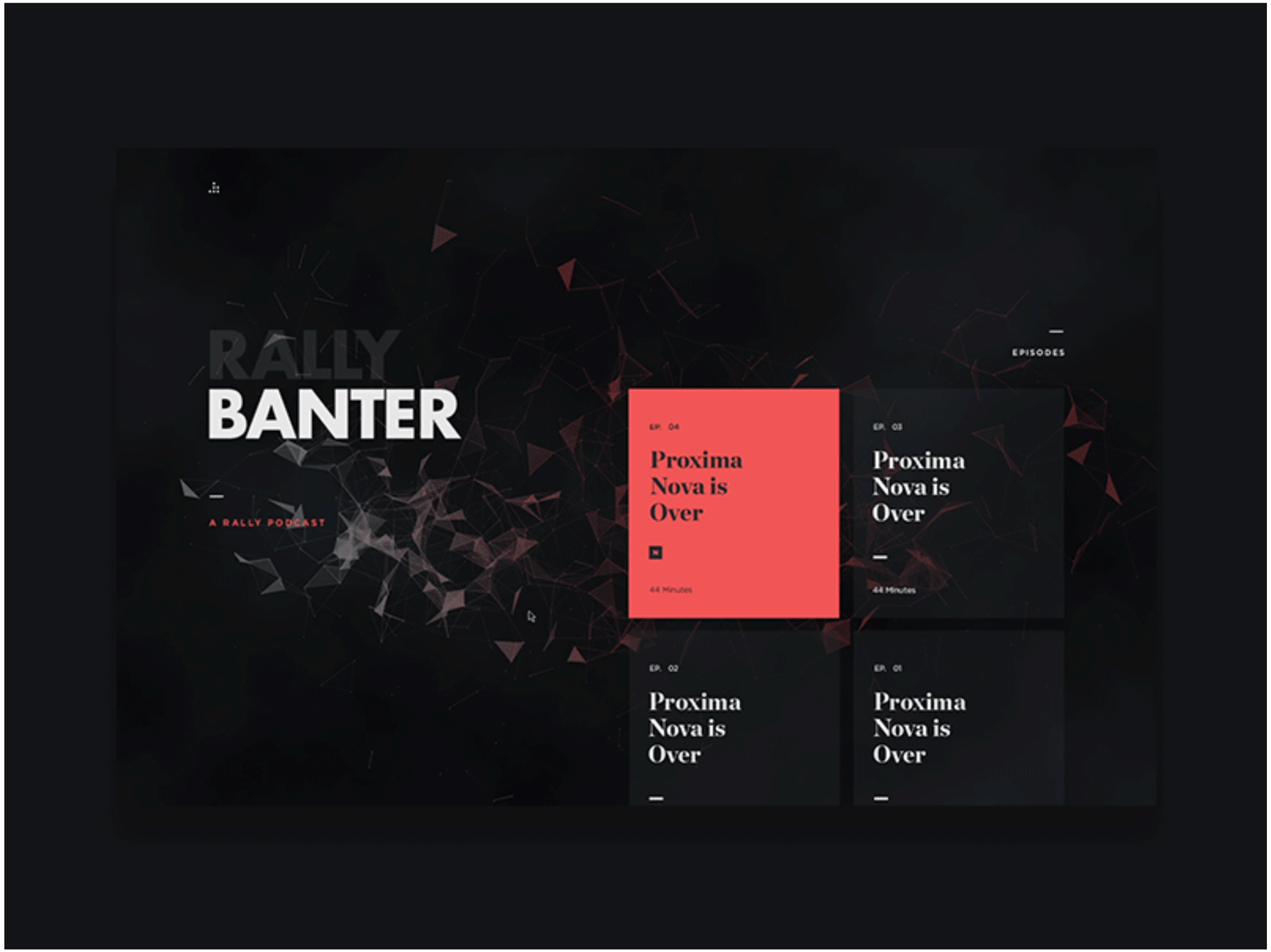
Design Hotel Cortez

Arnhem, 500m centrum
★★★★

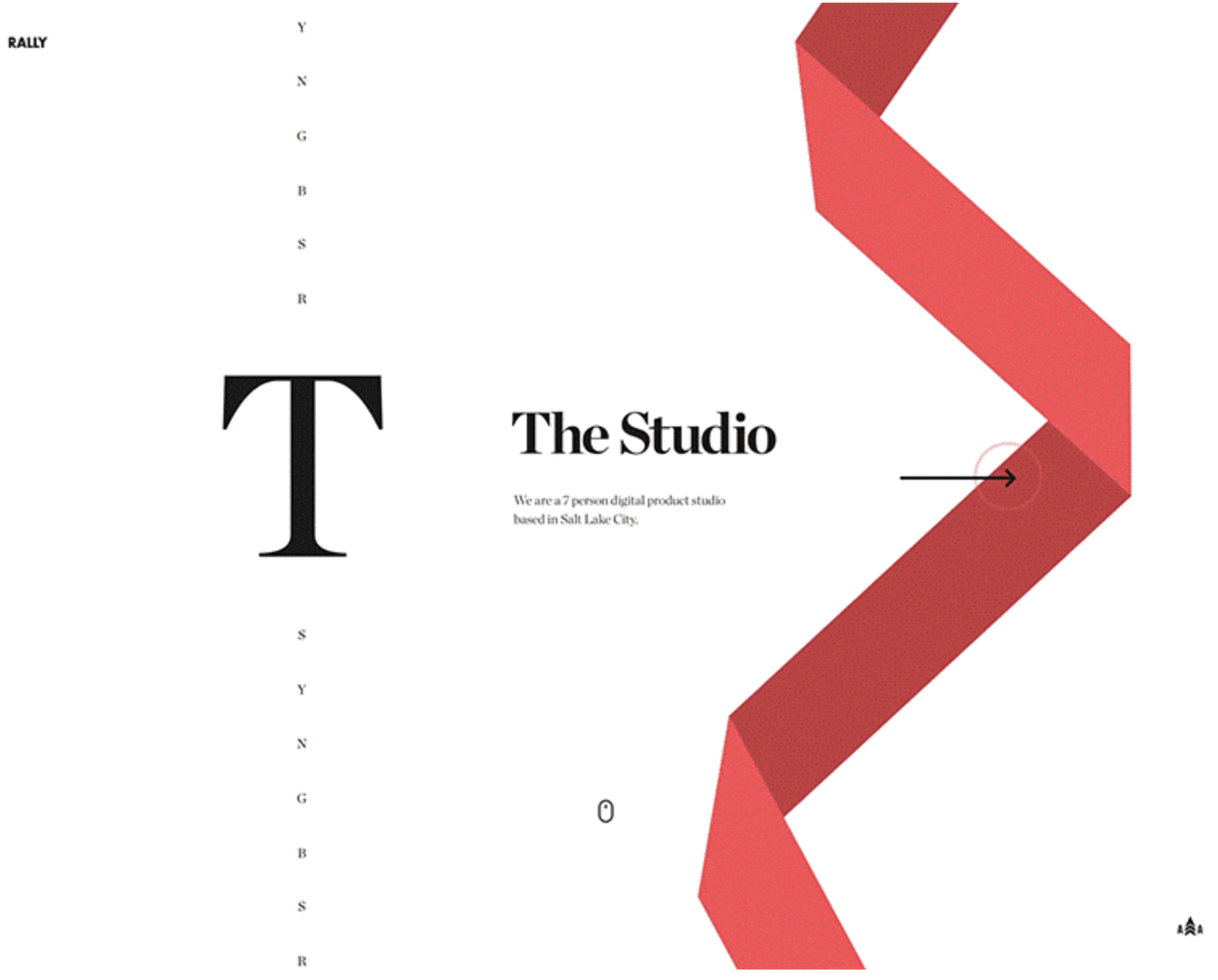
Popular Places Arnhem | Eindhoven | Rotterdam | Arnhem | Eindhoven | Rotterdam


AT&T
9:41 AM
100%
Search for sth ...
PARIS
470USD
The Eiffel Tower
2016 / 09 / 09
Check-In
Luke Price shared a comment
07:00 am MARCH 2, 2016
Vajrasana retreat centre review
Walsham-le-Willows
It is architecture that fades into the backg -round, allowing your mind to concentrate on higher things.
SHARE

Leo Leung


RALLY
BANTER
A RALLY PODCAST
EPISODES
EP. 04
Proxima Nova is Over
44 Minutes
EP. 03
Proxima Nova is Over
44 Minutes
EP. 02
Proxima Nova is Over
EP. 01
Proxima Nova is Over

Rally


RALLY
Y
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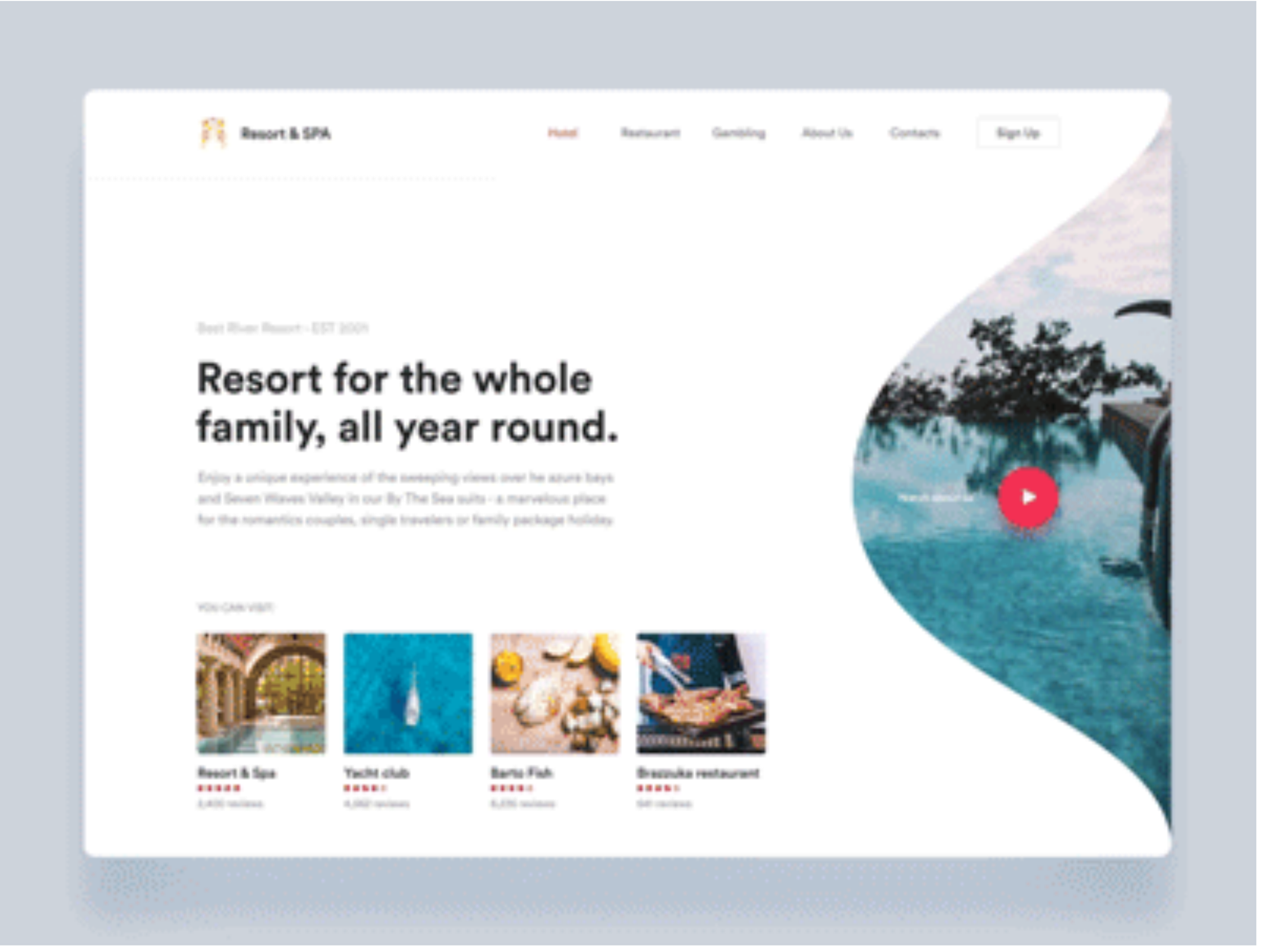
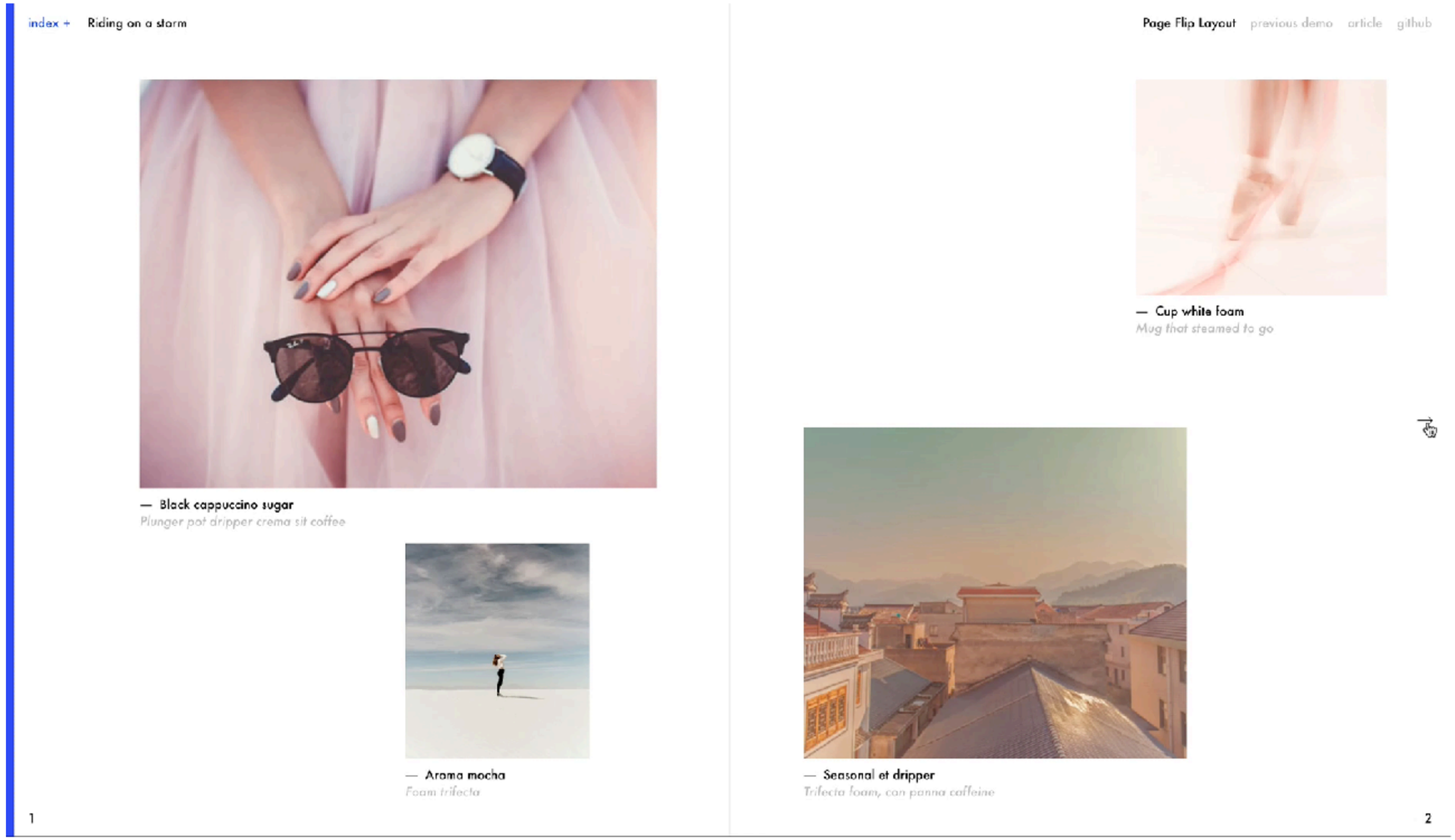
The Studio
We are a 7 person digital product studio
based in Salt Lake City.

Rally


Resort & SPA
Hotel
Restaurant
Gambling
About Us
Contacts
Sign Up
Resort for the whole family, all year round.
Resort & Spa
Yacht club
Bartu Fish
Brezzuka restaurant

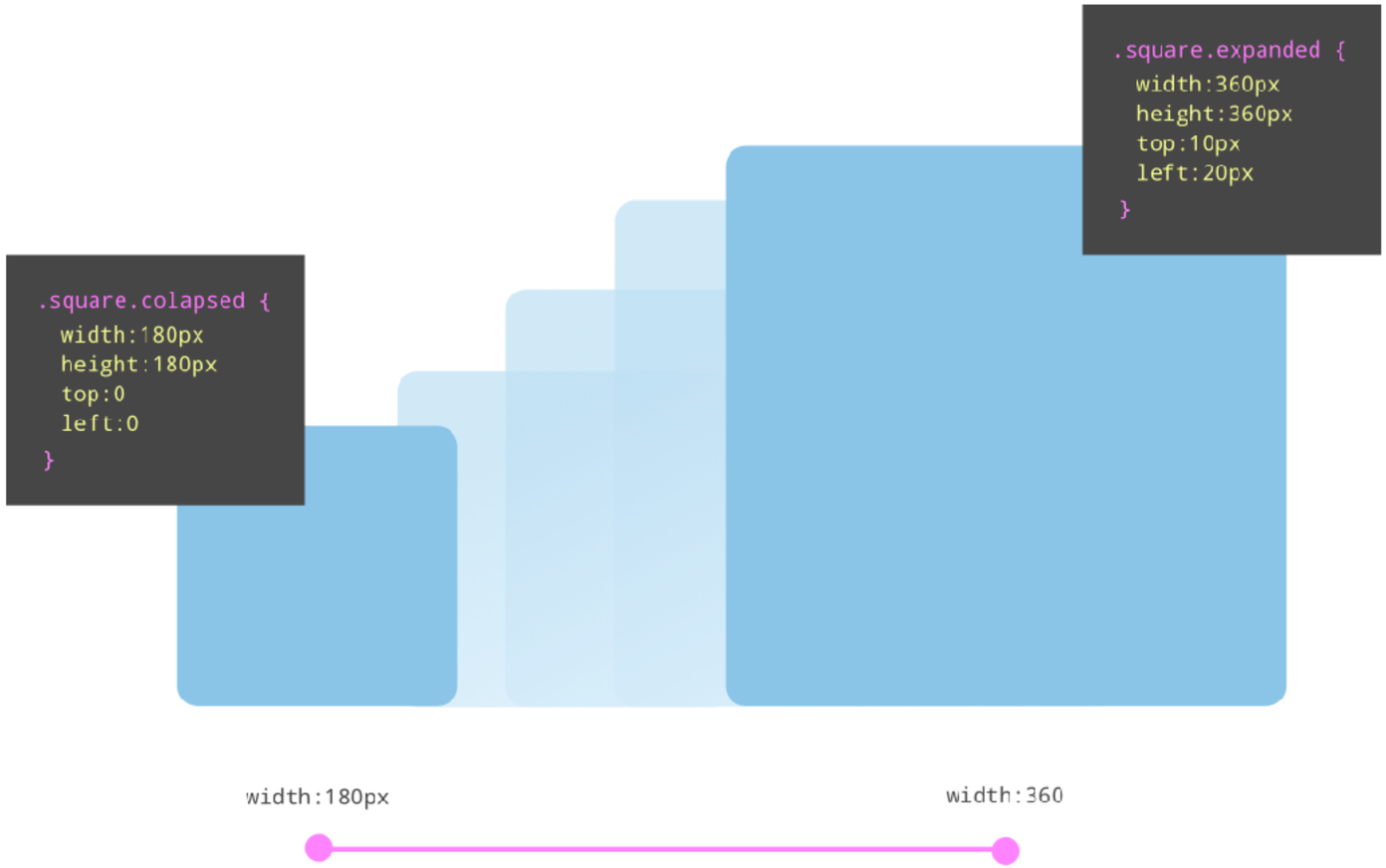
Rally



Codrops!

https://tympanus.net/Development/PageFlipLayout/

Transforms!



David Khourshid: Flippy

Vue: <transition-group />

GreenSock (GSAP)

Exercise

Crack open CodePen!

Make two thumbnails and one storyboard of a possible interaction on your new site.

Bonus: Implement it!