

# 中南屋印尼绿色行动公益网站开发

## Introduction

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# Outline

- Languages:
  - HTML
  - CSS
  - JavaScript
- Goal
  - Personal Website
  - Chinese Website for CAN Borneo



# Introduction

- Basic Network Ideas
- Website Structure
- Website Design
- Mockup
- Interview



# Basic Network Ideas

- IP: Internet Protocol
  - Unique identifier for any device that connects to network
  - Address: xxx.xxx.xxx.xxx
  - Ping/tracert <server>
- DNS: domain name service
  - Dictionary from human language to IP
  - Easy to remember
  - Protect from changes to IP



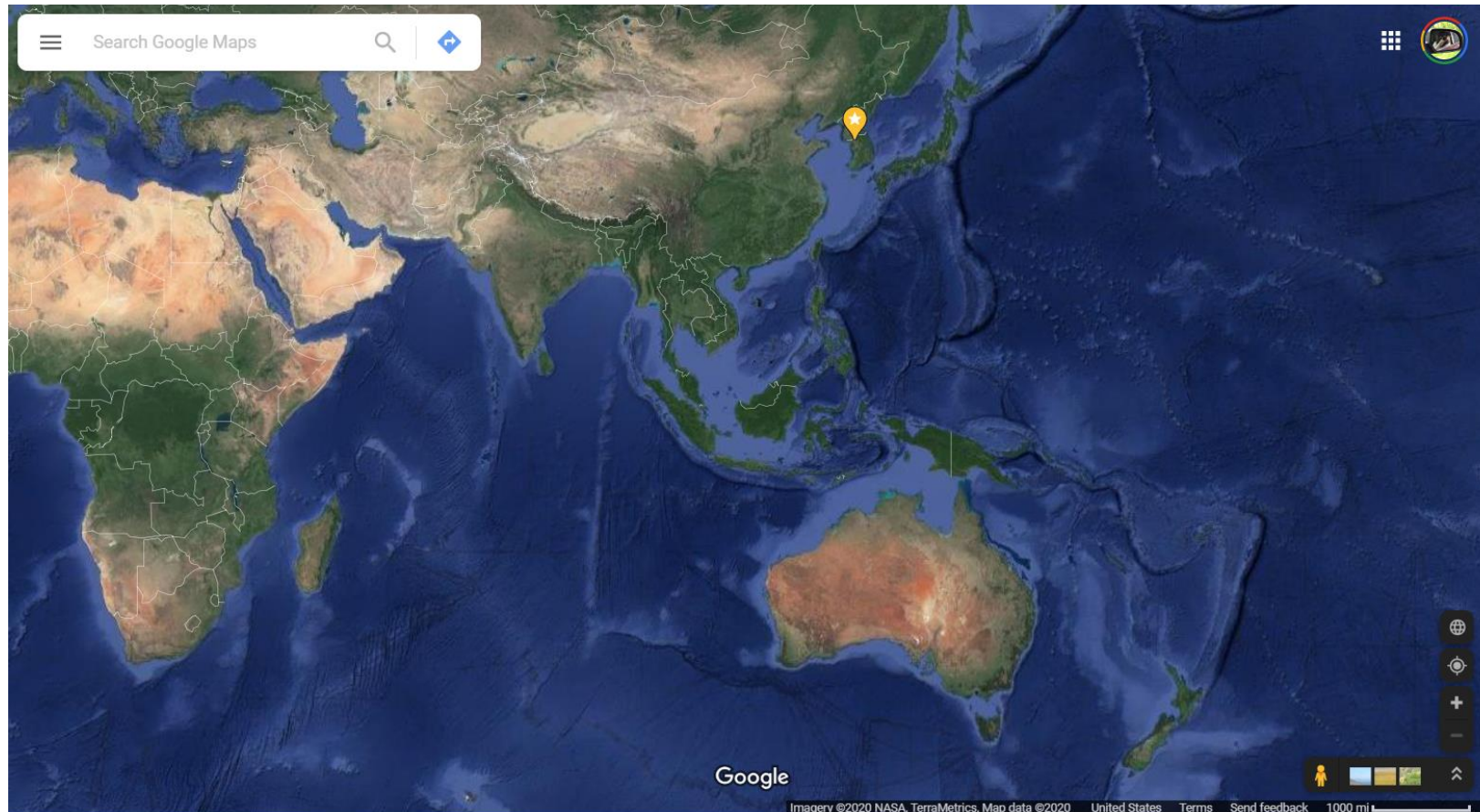
## Basic Network Ideas - IP



- 前几年曾经有传言说在 Google map 上找到了 MH370 的残骸，你会如何向他人精确地描述这个位置呢？



# Basic Network Ideas - IP





# Basic Network Ideas

- IP: Internet Protocol
  - Unique identifier for any device that connects to network
  - xxx.xxx.xxx.xxx
  - Ping <server>
- DNS: domain name service
  - Dictionary from human language to IP
  - Easy to remember
  - Protect from changes to IP

# Basic Network Ideas - DNS

	A	B	C	D	E	F	G	H
1		学校代码	专业代码					
2			基础数学	应用数学	理论物理	应用物理		
3		1003	20101	20102	30101	30102		
4								
5	院系序号	姓名	院	专业	性别	专业代码	学号	
6	01	?	数学学院	基础数学	男	20101	10032010101	
7	02		数学学院	基础数学	男	20101	10032010102	
8	03		数学学院	基础数学	男	20101	10032010103	
9	04		数学学院	基础数学	男	20101	10032010104	
10	05		数学学院	基础数学	女	20101	10032010105	
11	06		数学学院	基础数学	男	20101	10032010106	
12	07		数学学院	基础数学	男	20101	10032010107	
13	08		数学学院	理论物理	女	30101	10033010108	
14	09		数学学院	基础数学	女	20101	10032010109	
15	10		数学学院	基础数学	女	20101	10032010110	
16	11		数学学院	基础数学	女	20101	10032010111	
17	12		数学学院	基础数学	女	20101	10032010112	
18	13		数学学院	基础数学	女	20101	10032010113	
19	14		数学学院	基础数学	女	20101	10032010114	
20	15		数学学院	应用数学	女	20102	10032010215	
21								
22								

➤ 当你想要找一位同学的时候，你是会按照他/她的学号来找，还是按照姓名来寻找？





# Website Structure



- IP让我们可以在茫茫网络中敲开正确的那扇门，打开门我们会看见服务器会我们准备好的主页。



# Website Structure

- Collection of files that display through a browser
- HTML: Hypertext Markup Language
  - Content
- CSS: Cascading Style Sheets
  - Style
- JS: JavaScript
  - Event

# Website Structure



- 如何能让一个建好的3D模型动起来?
- 骨骼
- 蒙皮
- 控制

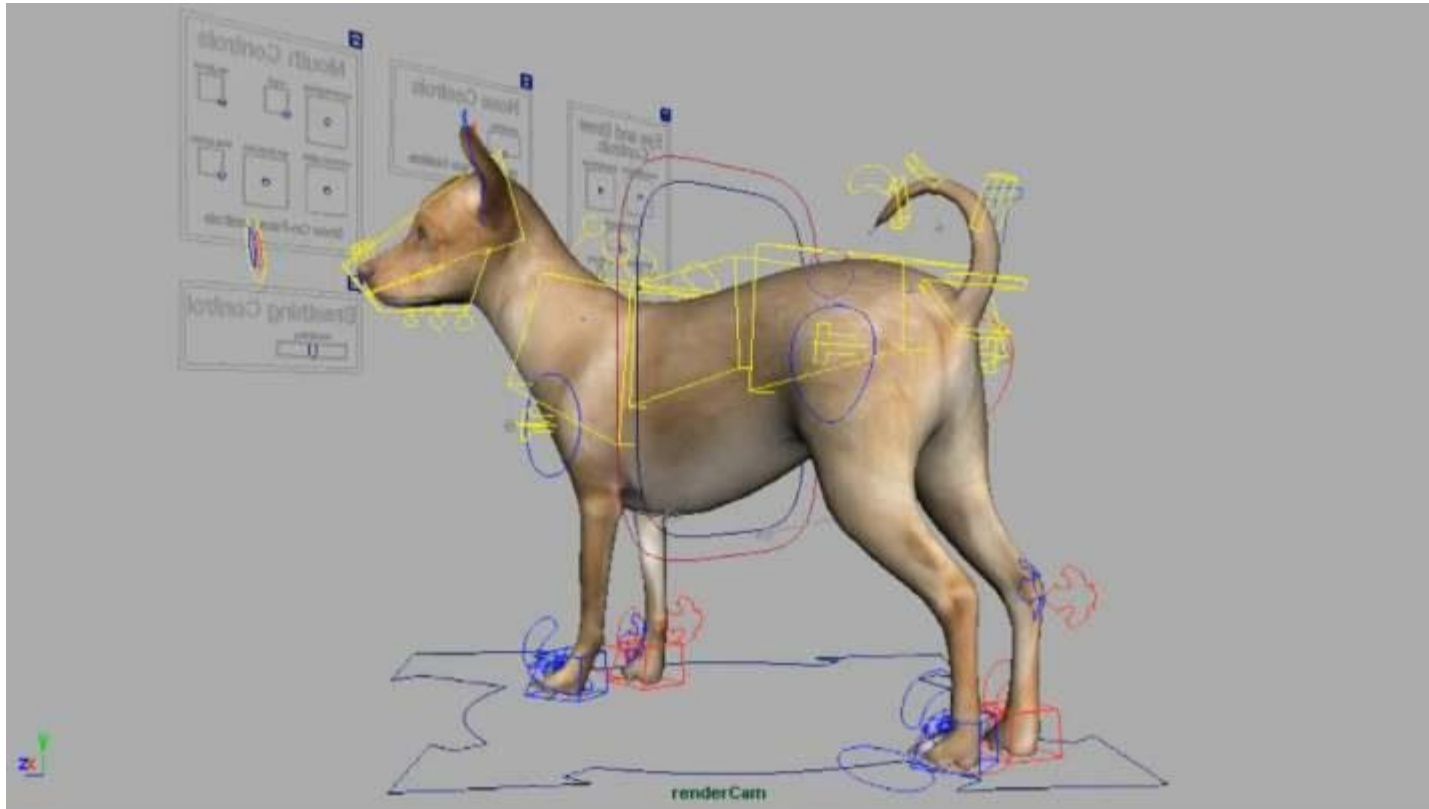


# Website Structure





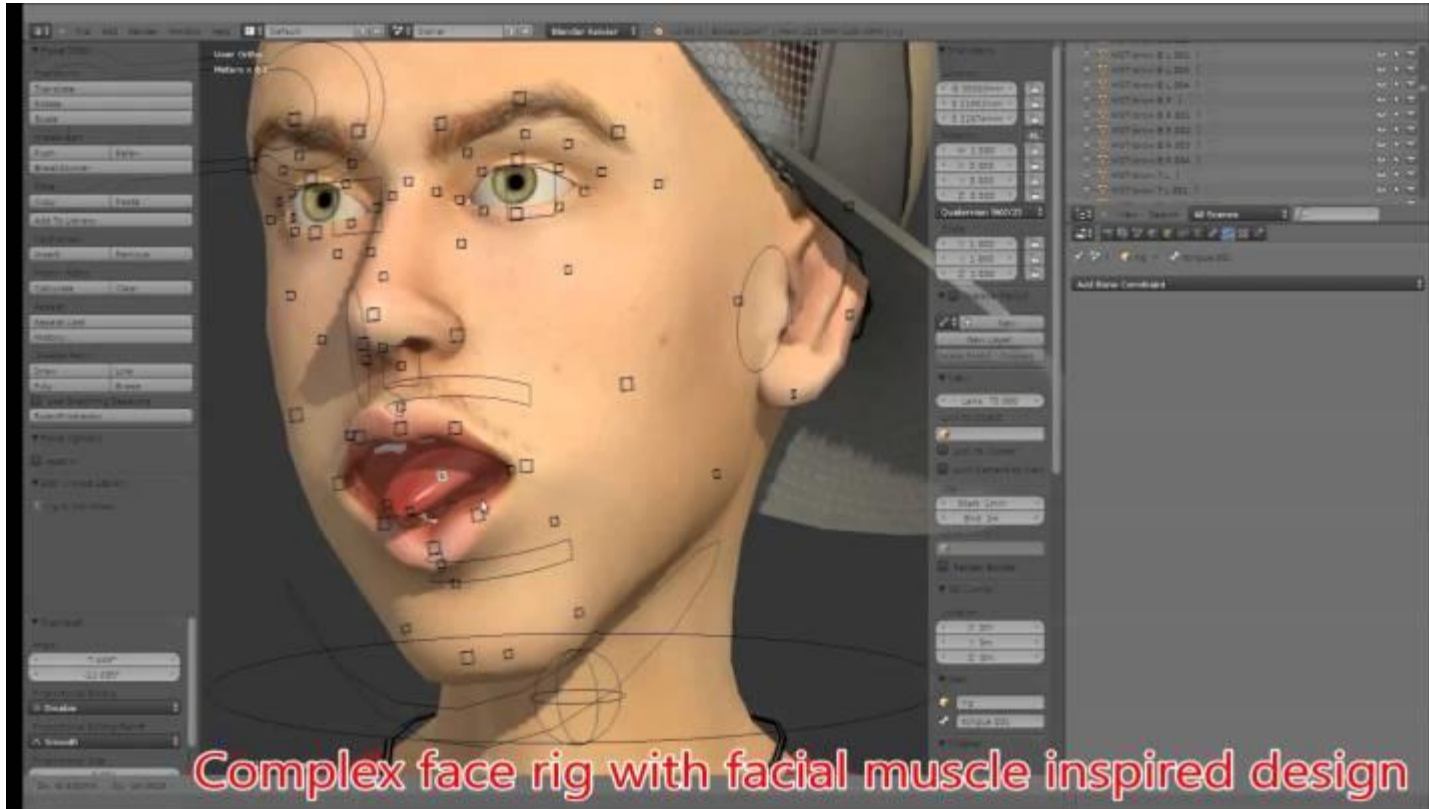
# Website Structure







# Website Structure





# Website Structure

- Collection of files that display through a browser
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# Website Design

- Hierarchical outline of your information
  - Data Chunking
- Find your own theme
  - Do you like it?



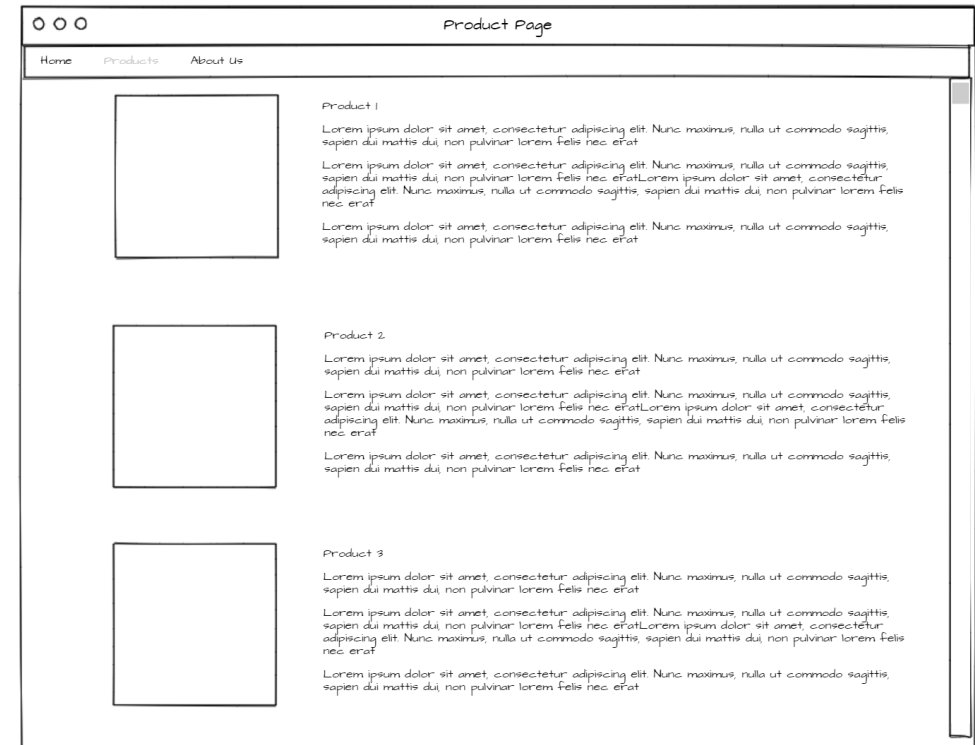
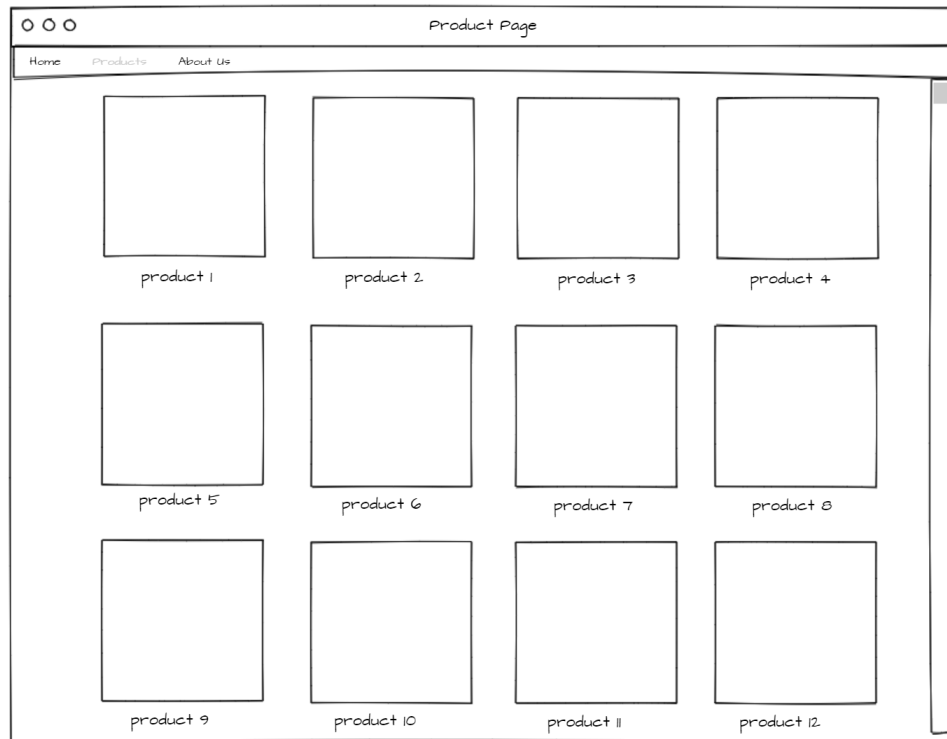


# Mockup

- Realization of your design
- Tools
  - Adobe Xd
  - Balsamiq
  - Lucidchart.com
  - Mockflow.com



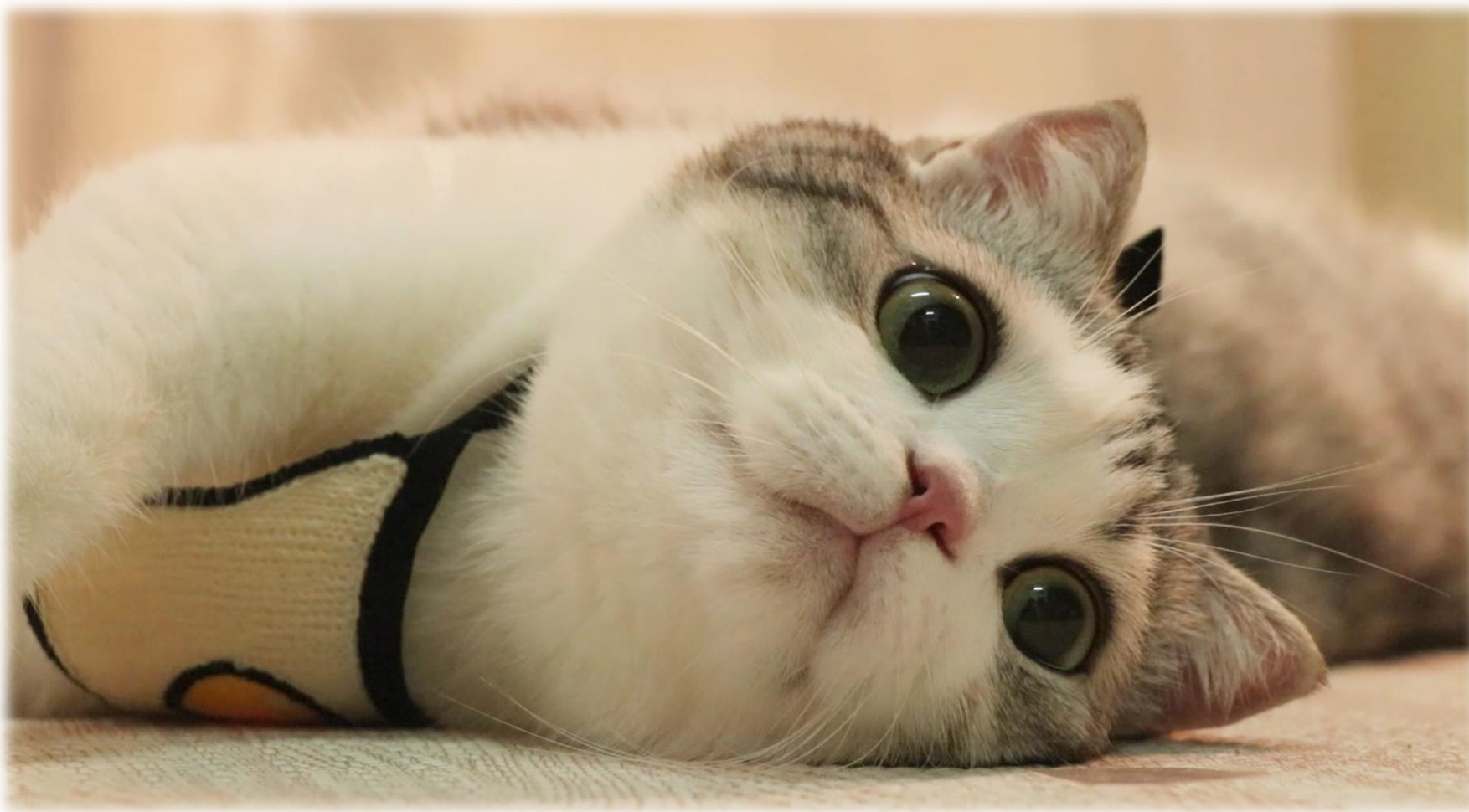
# Sample – Product Page





# Interview

- Implicit answer from interviewee
  - Simplify your question
  - Provide a mockup
- Overwhelming data for index page
  - Less is more
  - Help interviewee figure out which is more significant



**作业时间**



# Assignment

- Hierarchical outline of personal page
- Mockup for CAN Borneo
- 3 – 5 Interview Questions



# Submit Assignment

1. Register your account on GitHub

<https://github.com/>

2. Log in

3. Visit assignment link

<https://classroom.github.com/a/9lga3cVr>

4. Edit **README.md** on a browser

5. Follow Guidelines

6. Commit changes



# Helpful Links

## GitHub Help

<https://help.github.com/en/github/getting-started-with-github>

## Markdown Cheat Sheet

<https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet>

## w3school.com

<http://www.w3school.com.cn>

## CodePen

<https://codepen.io/>



# Reference

<https://www.coursera.org/learn/web-development/lecture/TcrsX/creating-your-own-html-setting-up-a-template>

<https://webstyleguide.com/wsg3/3-information-architecture/2-organizing-information.html>