

Web Design
& Development

Hello API



Feb-22

Kick-off

Hello API

1. Opdracht
2. Werkwijze
3. Noobs & Nerds

Over the years I've tried out a lot of different ways of learning CSS and JS: books, online courses, articles, video tutorials... But for me, there's really no substitute for learning by doing.

Michelle Barker

Assignment

Assignment

Design and build a Single Page Web App based on a User Story.



User Stories

1. As a student Digital Design, I want to look at inspiring web design quotes, to get some fresh energy when I'm working on crazy deadlines.
2. As an art lover, I want to be able to search and view art from the Rijksmuseum at home, so that I can still enjoy art during a lockdown
3. As a frisbee player, I want to be able to save and pass on the scores of a match, so I know where and when we have to play the next game.
4. As a foodie, I want to be able to view information about a product while shopping, so that I can make a good choice whether it fits my diet.
5. As a patient, I want to be able to make a reliable diagnosis at home, so that I can better estimate whether I should make an doctors appointment
6. As a children's book author, I want to experiment with Dutch-language voice interaction patterns, so I can tell my stories in an entirely new way.

Werkwijze

Design and build a Single Page Web App based on a User Story.

Sub tasks

Klikken om tekst toe te voegen


1. Pick a User Story and sketch the User Interface
2. Load data from the API and build the User Interface
3. Add feedback to the User Interface and test
4. Conduct Code Review via GitHub

Vandaag

Dinsdag college

Vrijdag

User Story?



Als <gebruiker> wil
ik <functionaliteit>
zodat <meerwaarde>.

Scrum Artifacts-Product Backlog (PBL)-Example:



Project: Shopping Website

Prior ity	Product Backlog Items	User Story #	User Story	Story Point	Estimate (Hours)
1	Database Creation	9	As an operations engineer, I want to be able store all customer information, so that I can serve to customers.	40	240
2	Login Page	15	As a site member, I want to login the site, so that I can do online shopping.	20	160
3	Category Page	23	As a site member, I want to be able to look for different categories of brands, so that I can choose what I want.	100	400
4	Payment Process	18	As a site member, I will be able to make payment, so that my deliveries can be shipped.	40	240
5	Contact Page	3	As a site member, I want to be able to find contact information of the site, so that in case I need, I can contact.	13	80
6	Banner Area	1	As a marketing personnel, I want to be able to make advertisement, so that I can attract visitors	8	40

PRODUCT BACKLOG EXAMPLE

ID	As a...	I want to be able to...	So that...	Priority	Sprint	Status
1	Administrator	see a list of all members and visitors	I can monitor site visits	Must	1	Done
2	Administrator	add new categories	I can allow members to create engaging content	Must	1	Done
3	Administrator	add new security groups	security levels are appropriate	Must	1	Done
4	Administrator	add new keywords	content is easy to group and search for	Must	1	Done
5	Administrator	delete comments	offensive content is removed	Must	1	Done
6	Administrator	block entries	competitors and offenders cannot submit content	Must	1	Done
7	Administrator	change site branding	the site is future-proofed in case brand changes	Could	1	Done
8	Member	change my password	I can keep secure	Must	1	Done
9	Member	update my contact details	I can be contacted by Administrators	Must	2	Work in Progress
10	Member	update my email preferences	I'm not bombarded with junk email	Should	2	Work in Progress
11	Member	share content to social networks	I can promote what I find interesting	Could	2	Work in Progress
12	Visitor	create an account	I can benefit from member discounts	Must		To be started
13	Visitor	login	I can post new entries	Must		To be started
14	Visitor	add comments	I can have a say	Must		To be started
15	Visitor	suggest improvements	I can contribute to the site usability	Should		To be started
16	Visitor	contact the Administrators	I can directly submit a query	Could		To be started
17	Visitor	follow a member's updates	I'm informed of updates from members I find interesting	Should		To be started
18	Visitor	view a member's profile	I can know more about a member	Must		To be started
19	Administrator	generate incoming traffic report	I can understand where traffic is coming from	Must		To be started

User Story

Als een bezoeker, wil ik een verhaal kunnen vinden, door op een woord uit de titel te zoeken.



Populaire verhalen



1. Entree scherm



2. Zoek scherm



Met een focus op het zoekveld wordt de rand dikker (zie 2.1)

2.1 Zoekformulier focus



3. Zoekactie uitvoeren



Als er in het zoekveld wordt getypt, verandert de zoekbutton van kleur. Om duidelijk te maken dat er op de zoekbutton moet worden geklikt.

4. Zoekresultaten



De resultaten tonen zich onder het zoekformulier.

Wireflow:

Wireframing User Flow

with Wireflows

1. Entree scherm



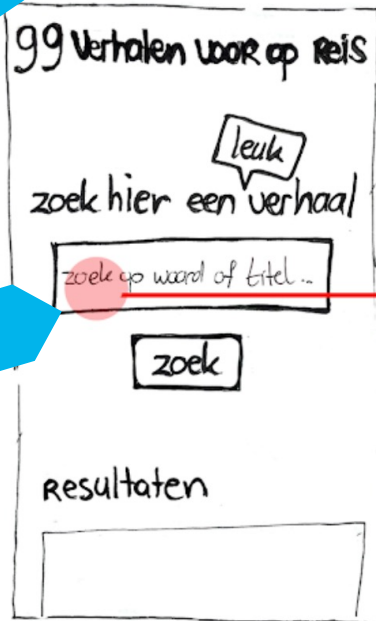
Alle mogelijke output (states)

Wanneer op de zoekicoon wordt geklikt wordt het zoekformulier getoond.

User flow

Interactie

2. Zoek scherm



Met een focus op het zoekveld wordt de rand dikker (zie 2.1)

2.1 Zoekformulier focus



3. Zoekactie uitvoeren



Als er in het zoekveld wordt getypt, verandert de zoekbutton van kleur. Om duidelijk te maken dat er op de zoekbutton moet worden geklikt.

4. Zoekresultaten



De resultaten tonen zich onder het zoekformulier.

Titels en nummers

Uitleg per scherm

Breakdown-graph:

Welke HTML, CSS,
JS is nodig?

visuele
hiërarchie
belangrijk = groot!

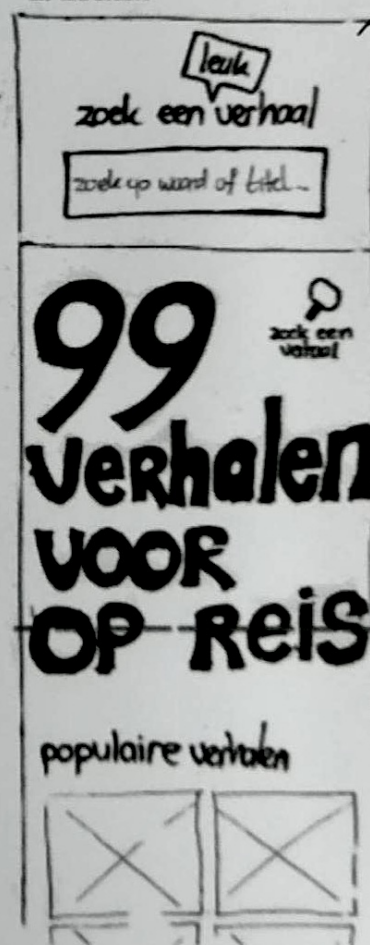
label
voor
verzameling
verhalen

1. Entree scherm



icon met
label: activerende
tekst...

2. Zoeken



JS

event listener (click)
classlist: toggle header margin-top

andere kleur,
valt op.

CSS

margin-top: -100

<header>
+form

<main>
+header
+h1
+list
+h2
+li
+img
+span

Planning

Noob or Nerd?

THE DESIGN EXERCISE

SO
HOW WOULD YOU DESIGN
A PRODUCT THAT LETS USERS
MAKE PASTA?

LET'S SEE

SO FIRST I'LL NEED
TO PICK A FONT

HELVETICA
NO. TIMES NEW ROMAN