



Jodie De Greef & Niel Duquesne
Klasgroep: 2MMP Produce A
Groep: 2MMP-proDUCE-13
Olod: New Media Design & Development I
Campus: Grafische & Digitale media
Arteveldehogeschool
2016 - 2017

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Discover

Briefing Specificaties

Technische Specificaties

Clientside

- HTML
- Sass (SCSS)
- JavaScript
- Bonus: ES2015 or TypeScript

Serverside

- Open Data API's: Stad Gent, Wikipedia, YouTube, ...
- Bonus: Firebase, Contentful, Parse.com (hosting op mLab, AWS, Heroku, ...)

Niet-functionele Specificaties

- Documenteer alle JavaScript-code met docblocks.
- Documenteer ook de belangrijkste onderdelen in de HTML-templates.
- Grafisch verantwoord, esthetisch verzord en gebruiksvriendelijk.
- Zoals van elk product van een student Bachelor in de grafische en digitale media verwacht mag worden!

Bied een creatieve oplossing voor de bovenstaande probleemstelling door in groep van 2 studenten uit dezelfde specialisatie (proDEV of proDUCE) een data-centric softwaresysteem te ontwerpen en te ontwikkelen, gemaakt met de technologieën die tijdens de colleges aan bod komen, en bestaat uit een:

“Data-driven Progressive Responsive Web Application”.

Define

Analyse

Persona's: Doelpubliek profilering

Demografisch

- Man & vrouw
- Voor 16 jaar en ouder

Psychografisch

- Sportief
- Dierenliefhebber
- Wandeld of loopt graag
- Natuurliefhebber

Technografisch

- Woonplaats in Gent
- Elk moment van de dag of nacht
- Standaard kennis

Functie

Met je hond gaan wandelen of lopen aan de hand van een handige mobiele applicatie. Je kan op zoek gaan naar een hondentoilet, een losloopweide of een park waar je met jouw trouwe viervoeter kan genieten van de open lucht.

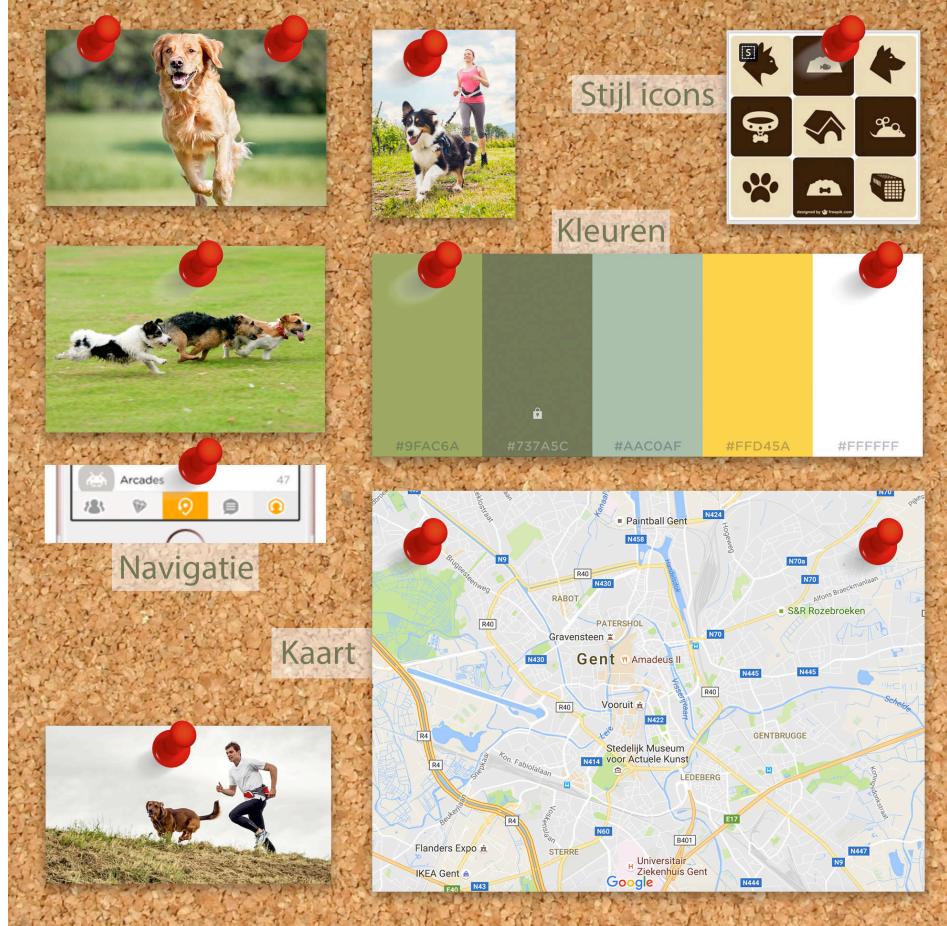
Je kan je registreren en aanmelden en de gegevens van jouw hond aanpassen.

Er is ook een handige kaart met alle losloopweides, parken, hondentoiletten en als extra ook anti-poeptegels en hondenzwemzones.

Inspiration Ideaboard

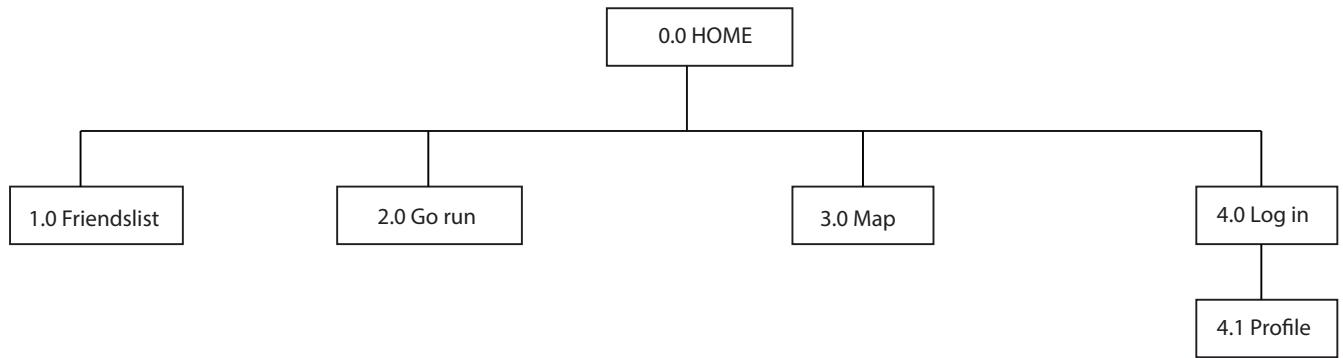


Moodboard



Design

Sitemap



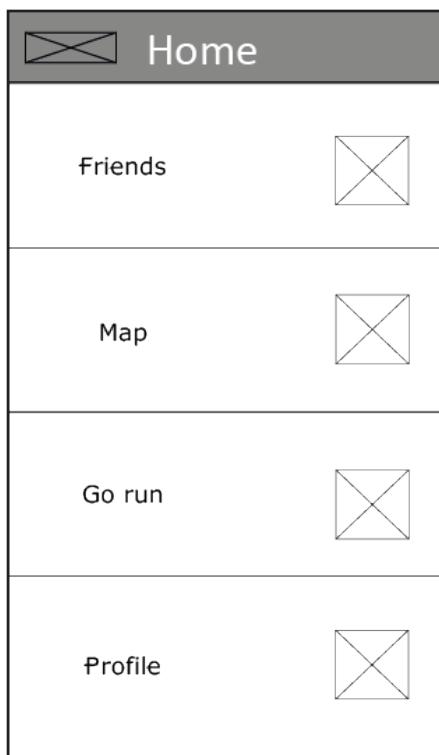
Data

- Hondenvoorzieningen
 - <https://data.stad.gent/datasets/hondenvoorzieningen>
- Parken
 - <https://data.stad.gent/datasets/parken>
- Infrastructuur
 - <https://data.stad.gent/datasets/straten-geografisch-bestand>

Wireframe

Mobiel

0.0 Home



2.0 Friendslist

	jouw naam	6895 p
	vriend naam	9764 p
	vriend naam	8654 p
	vriend naam	7456 p
	jouw naam	6895 p
	vriend naam	5235 p
	vriend naam	4663 p
	vriend naam	2369 p

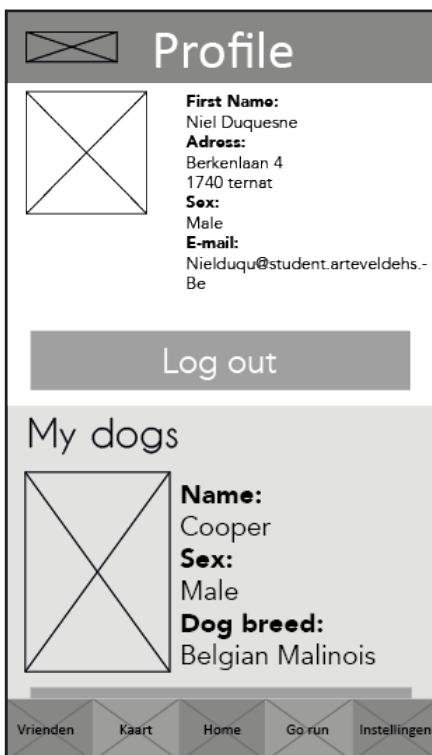
3.0 Map



4.0 Go run



5.0 Profile



Desktop

0.0 Home

Home

		Topscores
		Jij 6895 p
		Jodie De Greef 9764 p
		Sharon Huwel 8654 p
		Lander Denys 7456 p

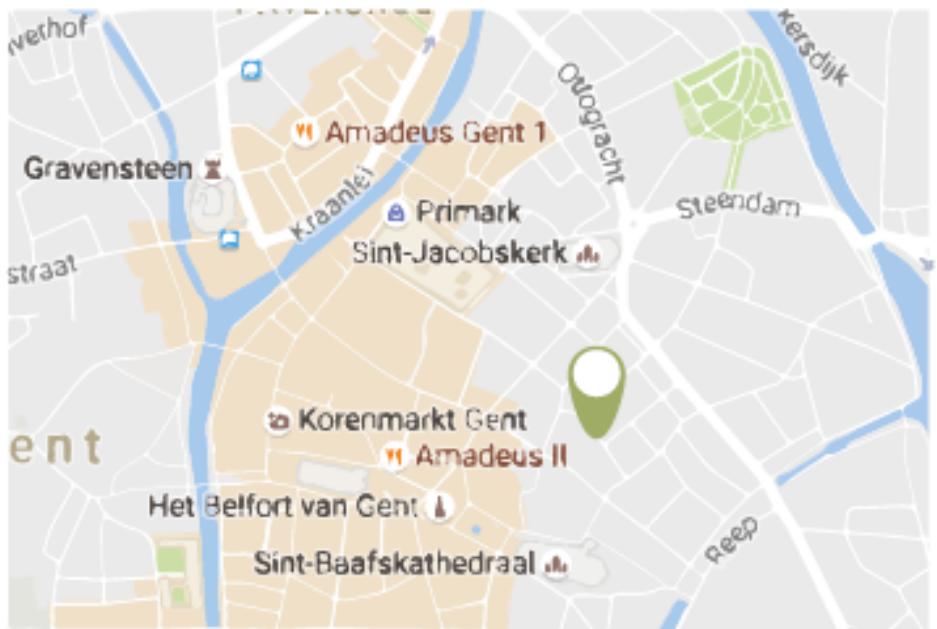


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1.0 Friendslist

Kaart



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2.0 Map

Friends list

	Jij	6895 p
	Jodie De Greef	9764 p
	Sharon Huwel	8654 p
	Lander Denys	7456 p
	Niel Duquesne	6895 p
	Jelis Pappaert	5235 p
	Hannelore De Groot	4663 p

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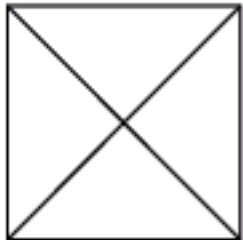
3.0 Go run

Go run

Options	Freerun Zones		
Freerun Zone	Street: Azaleerstraat	Street: Dracenastraat	Street: Europalaan
Dog Toilet	City: Gent	City: Gent	City: Gent
Parks	Sort: Losloopweide	Sort: Losloopweide	Sort: Losloopweide
	House number: 36	House number: 18	House number: 134
	Description: Th.v Azaleerstraat 36/Azaleapark (begenover hondenttoilet). Oppervlakte 180m2.	Description: Th.v Dracenastraat 18/Hakkeneistraat	Description: Th.v Europalaan 134 (aan hondenzwemplaats). Oppervlakte 1950 m2.
	Freerun Zone	Street: Evarist De Buckstraat	Street: Wittekoproenplein
	Dog Toilet	City: Gent	City: Gent
	Parks	Sort: Losloopweide	Sort: Losloopweide
		House number: 9	House number: 3
		Description: Th.v Evarist de	Description: Th.v Wittekoproenplein
			Description: Th.v Jan Samijnstraat

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4.0 Profile

	    
<h2>Profiel</h2>	
	<p>First name: Name: Address: Sex: E-mail:</p> <p>Login Register</p>
<h3>My dogs</h3>  <p>Name: Cooper Sex: Male Dog breed: Belgian Malinois</p> <p>Register</p>	<h3>Number of run km</h3> <p>Total: 18678 km This Year: 679 km This month: 58 km This week: 13 km Today:</p>
<p>Jodie De Greef & Niel Duquesne © 2016 Dogrun, Inc. All rights reserved.</p>	

Wireflow



Style Tile



NMDAD 1 - Data-driven Progressive Responsive Web Application

Style Tile

Possible Colors



Menu



Standaard



Hover



This is an Example of a Header

Font: X360 by Redge #9FAC6A

This is an Example of a Sub Head

Font: Caviar Dreams #000000

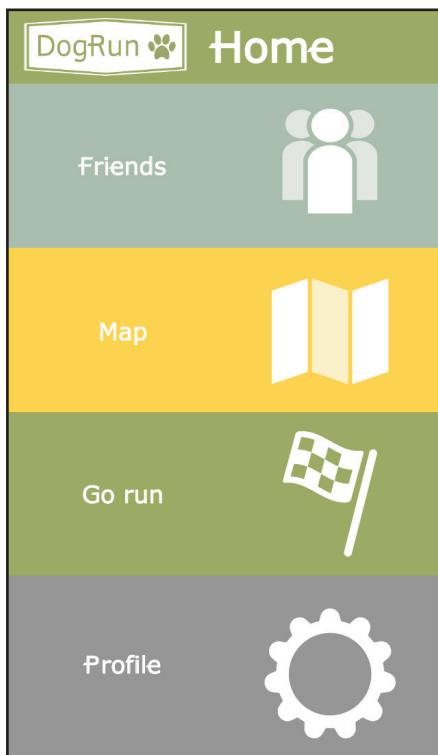
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel feugait nulla facilisi.

Font: Avenir Book #000000

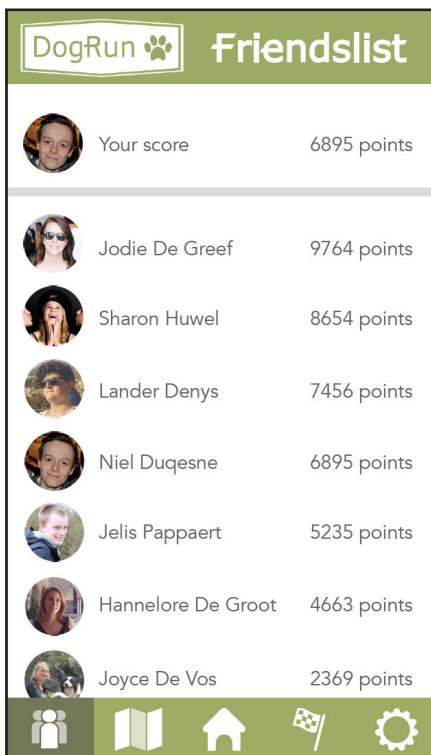
Visual Designs

Mobiel

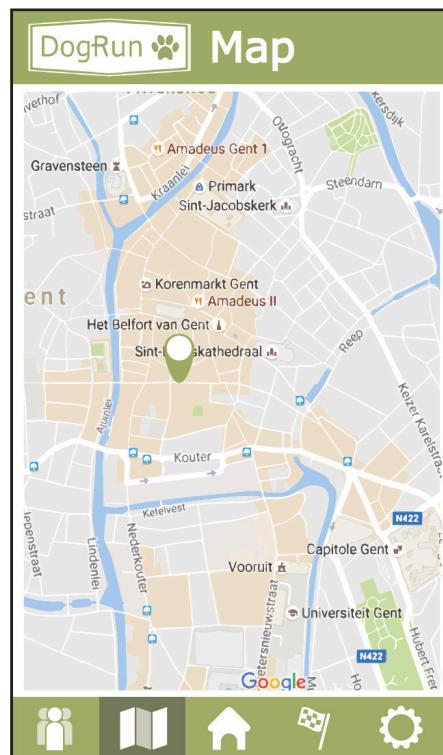
0.0 Home



1.0 Friendslist



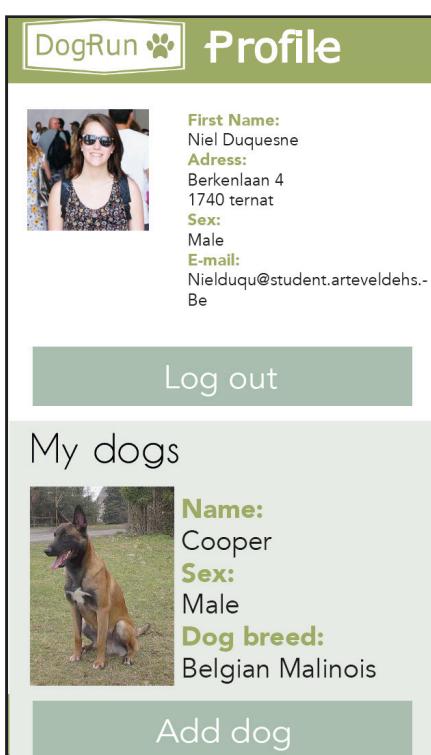
2.0 Map



3.0 Go run



4.0 Profile



Desktop

0.0 Home

The screenshot shows the DogRun application's Home screen. At the top, there is a navigation bar with icons for Home, Friends, Map, Scores, and Settings. Below the bar, the word "Home" is displayed in a large, bold font. To the left, there is a 2x2 grid of icons: a house, a checkered flag, a map, and a person. To the right, the section is titled "Topscores" and lists four users with their names, profile pictures, and scores:

User	Score
Jij	6895 p
Jodie De Greef	9764 p
Sharon Huwel	8654 p
Lander Denys	7456 p

At the bottom of the screen, a copyright notice reads "Jodie De Greef & Niel Duquesne © 2016 Dogrun, Inc. All rights reserved."

1.0 Friendslist

The screenshot shows the DogRun application's Friends list screen. At the top, there is a navigation bar with icons for Home, Friends (selected), Map, Scores, and Settings. Below the bar, the section is titled "Friends list" and displays a list of friends with their names, profile pictures, and scores:

User	Score
Jij	6895 p
Jodie De Greef	9764 p
Sharon Huwel	8654 p
Lander Denys	7456 p
Niel Duquesne	6895 p
Jelis Pappaert	5235 p
Hannelore De Groot	4663 p

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2.0 Map

DogRun

Kaart

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3.0 Go run

DogRun

Go run

Options	Freerun Zones
Freerun Zone	Street: Azaleastraat City: Gent Sort: Losloopweide House number: 36 Description: T.h.v Azaleastraat 36/Azaleapark (tegenover hondentoilet). Oppervlakte 180m2.
Dog Toilet	Street: Dracenastraat City: Gent Sort: Losloopweide House number: 18 Description: T.h.v Dracenastraat 18/Hakkeneistraat (tegenover hondentoilet). oppervlakte 1290 m2.
Parks	Street: Europaalan City: Gent Sort: Losloopweide House number: 134 Description: T.h.v Europaalan 134 (aan hondenzwemplaats). Oppervlakte 1950 m2.
	Street: Evarist De Buckstraat City: Gent Sort: Losloopweide House number: 9 Description: T.h.v Evarist de
	Street: Wittekoproenplein City: Gent Sort: Losloopweide House number: 3 Description: T.h.v Wittekoproenplein
	Street: Jan Samijnstraat City: Gent Sort: Losloopweide House number: 1 Description: T.h.v Jan Samijnstraat

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DogRun

Profile



First name:
Name:
Address:
Sex:
E-mail:

Login
Register

My dogs



Name: Cooper
Sex: Male
Dog breed: Belgian Malinois

Register

Number of run km

Total: 18678 km
This Year: 679 km
This month: 58 km
This week: 13 km
Today: 13 km

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Development

Coding/Programmeren

A screenshot of a code editor window showing the `profile.js` file. The file contains JavaScript code for a dog-related application. It includes functions for opening and closing a pop-up box, validating dog information, and handling user clicks. The code uses standard JavaScript syntax with comments explaining its purpose.

```
204 /* Login pop-up box bij drukken op loginknop */
205 // Get the dog_var
206 var dog_var = document.getElementById("DogPopUp");
207
208 // Get the button that opens the dog_var
209 var btnDOG = document.getElementById("myBtnChangeDog");
210
211 // Get the <span> element that closes the dog_var
212 var spanDog = document.getElementsByClassName("closeDog")[0];
213
214 // When the user clicks the button, open the dog_var
215 btnDOG.onclick = function() {
216     dog_var.style.display = "block";
217 }
218
219 // When the user clicks on <span> (x), close the dog_var
220 spanDog.onclick = function() {
221     dog_var.style.display = "none";
222 }
223
224 // When the user clicks anywhere outside of the dog_var, close it
225 window.onclick = function(event) {
226     if (event.target == register_var) {
227         dog_var.style.display = "none";
228     }
229 }
230
231 /* register - als je invult worden de gegevens aangevuld (voorlopig enkel op login.html) */
232 var dognameValue = document.getElementById("inputDogName").value;
233 var dogsexValue = document.getElementById("inputDogSex").value;
234 var dogbreedValue = document.getElementById("inputDogBreed").value;
235
236 function validateDOG() {
237     /* proberen sluiten bij knop confirm changes in pop-up */
238     dog_var.style.display = "none";
239     /* weergeven van info na bovenstaande */
240     document.getElementById("dognameP").innerHTML = dognameValue;
241     document.getElementById("dogsexP").innerHTML = dogsexValue;
242     document.getElementById("dogbreedP").innerHTML = dogbreedValue;
243 }
244
```

Ln 243, Col 2 Spaces: 4 UTF-8 LF JavaScript

A screenshot of a code editor window showing the `style.css` file. The file contains CSS rules for various elements, including input fields, a profile picture, information boxes, and buttons. It also includes media queries for mobile devices with a maximum width of 620px. The CSS uses standard properties like `width`, `height`, and `display`.

```
484 input[type=text], input[type=password] {
485     width: 300px;
486     padding: 10px 10px;
487     margin: 8px 0;
488     display: inline-block;
489     border: 1px solid #ccc;
490     box-sizing: border-box;
491     font-family: normal_regular;
492     color: #555555;
493 }
494
495 /****** CHANGE BY MOBILE PROFILE *****/
496 @media only screen and (max-width: 620px) {
497
498     /* profielfoto*/
499     div.profilePic{
500         height: 100px;
501         width: 100px;
502     }
503
504     /* Information */
505     div.information{width: 200px;}
506
507     /* knoppen */
508     div.knop{
509         width: 317px;
510         margin-left:0;
511     }
512
513     /* HONDEN EN GEOPEN KM */
514     div.myDogs, div.numKm{
515         width: 339px;
516         float: left;
517     }
518
519     /* Gelopen km */
520     div.numKm{margin-bottom: 40px;}
521
522     /* Modal Content */
523     .modal-content {width: 90%;}
524 }
```

Ln 1, Col 1 Spaces: 4 UTF-8 LF CSS

EXPLORER profile.js style.css main.js x

```

1 var losloopweides = [
2   {
3     Straat:"Azaleastraat",
4     Postcode:"9040.0",
5     Gemeente:"Gent",
6     Soort: "Losloopweide",
7     Huisnummer: "36",
8     Plaatsomschrijving:"T.h.v. Azaleastraat 36/Azaleapark (tegenover hondentoilet). Oppervlakte 180 m2."
9   },
10  {
11    Straat:"Dracenastraat",
12    Postcode: "9000.0",
13    Gemeente: "Gent",
14    Soort: "Losloopweide",
15    Huisnummer:"18",
16    Plaatsomschrijving: "T.h.v. Dracenastraat 18/Hakkeneistraat (tegenover hondentoilet). Oppervlakte 1290 m2."
17  },
18  {
19    Straat:"Europalaan",
20    Postcode: "9000.0",
21    Gemeente: "Gent",
22    Soort: "Losloopweide",
23    Huisnummer: "134",
24    Plaatsomschrijving: "T.h.v. Europalaan 134 (aan hondenzwemplaats). Oppervlakte 1950 m2."
25  },
26  {
27    Straat:"Evarist De Buckstraat",
28    Postcode:"9040.0",
29    Gemeente: "Gent",
30    Soort: "Losloopweide",
31    Huisnummer: "9",
32    Plaatsomschrijving:"T.h.v. Evarist De Buckstraat 9 (aan buurtpark, naast hondentoilet). Oppervlakte 180 m2."
33  },
34  {
35    Straat:"Wittekaproenplein",
36    Postcode: "9000.0",
37    Gemeente: "Gent",
38    Soort: "Losloopweide",
39    Huisnummer:"3",
40    Plaatsomschrijving: "T.h.v. Wittekoproenplein 3/Gebroeders De Smetstraat (naast hondentoilet). Oppervlakte 470 m2."
41  },
42

```

Ln 49, Col 15 Spaces: 8 UTF-8 LF JavaScript ☺

EXPLORER profile.js style.css main.js index.html x

```

1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8">
5     <title>DogRun</title>
6
7     <link rel="stylesheet" type="text/css" href="css/normalize.css">
8     <link rel="stylesheet" type="text/css" href="css/style.css">
9     <link rel="stylesheet" type="text/css" href="css/grid.css">
10
11     <link rel="apple-touch-icon" sizes="57x57" href="images/favicon/apple-icon-57x57.png">
12     <link rel="apple-touch-icon" sizes="60x60" href="images/favicon/apple-icon-60x60.png">
13     <link rel="apple-touch-icon" sizes="72x72" href="images/favicon/apple-icon-72x72.png">
14     <link rel="apple-touch-icon" sizes="76x76" href="images/favicon/apple-icon-76x76.png">
15     <link rel="apple-touch-icon" sizes="114x114" href="images/favicon/apple-icon-114x114.png">
16     <link rel="apple-touch-icon" sizes="120x120" href="images/favicon/apple-icon-120x120.png">
17     <link rel="apple-touch-icon" sizes="144x144" href="images/favicon/apple-icon-144x144.png">
18     <link rel="apple-touch-icon" sizes="152x152" href="images/favicon/apple-icon-152x152.png">
19     <link rel="apple-touch-icon" sizes="180x180" href="images/favicon/apple-icon-180x180.png">
20     <link rel="icon" type="image/png" sizes="192x192" href="images/favicon/android-icon-192x192.png">
21     <link rel="icon" type="image/png" sizes="32x32" href="images/favicon/favicon-32x32.png">
22     <link rel="icon" type="image/png" sizes="96x96" href="images/favicon/favicon-96x96.png">
23     <link rel="icon" type="image/png" sizes="16x16" href="images/favicon/favicon-16x16.png">
24     <link rel="manifest" href="images/favicon/manifest.json">
25     <meta name="msapplication-TileColor" content="#ffffff">
26     <meta name="msapplication-TileImage" content="images/favicon/ms-icon-144x144.png">
27     <meta name="theme-color" content="#ffffff">
28
29   </head>
30   <body class="wrapper">
31
32     <nav>
33       <div class="container_nav">
34         <div class="logo_nav"> </div>
35
36         <h1 class="mobile"> Home </h1>
37         <div class="navDesktop">
38
39           <a href="pages/profile.html"> <div class="navBut profile"> </div> </a>
40           <a href="pages/gorun.html"> <div class="navBut gorun"> </div> </a>
41           <a href="pages/map.html"> <div class="navBut map"> </div> </a>

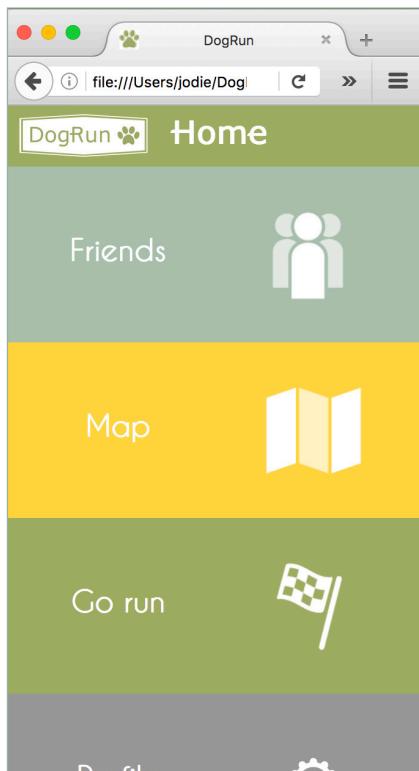
```

Ln 53, Col 8 Spaces: 4 UTF-8 LF HTML ☺

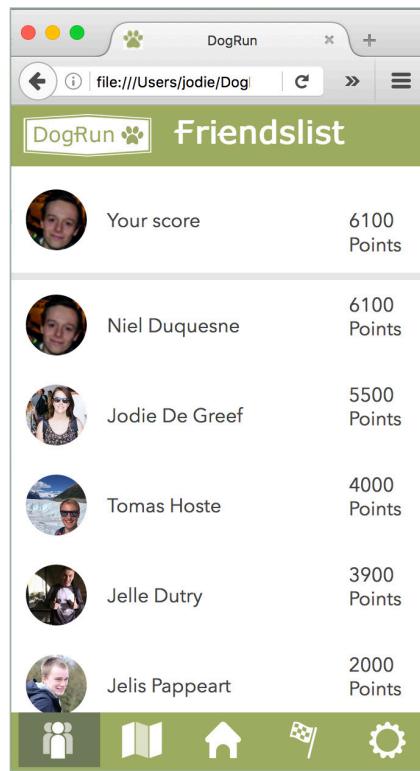
Deliver

Testing Mobiel

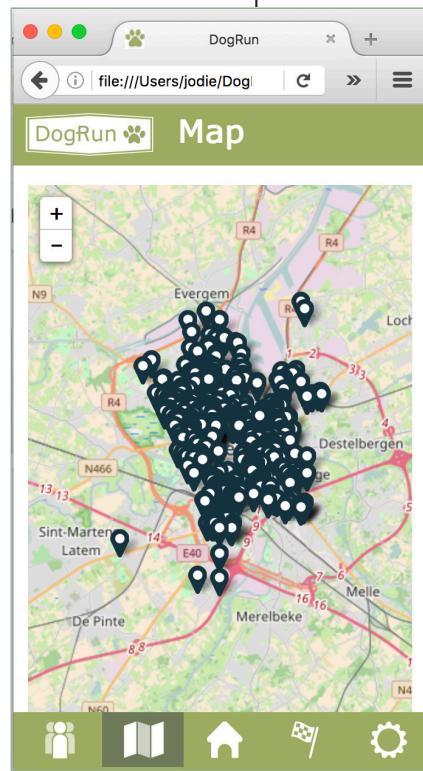
0.0 Home



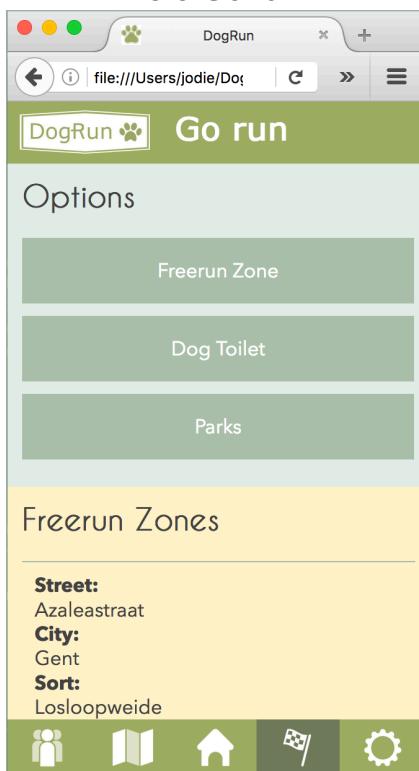
1.0 Friendslist



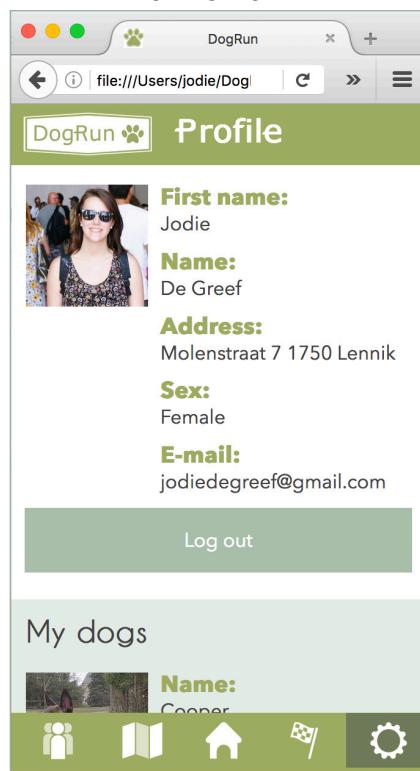
2.0 Map



3.0 Go run



4.0 Profile



Desktop

0.0 Home

The screenshot shows the DogRun application interface. At the top, there's a toolbar with icons for search, refresh, and navigation. Below it is a header bar with the 'DogRun' logo and a menu icon. The main content area has a green header 'Home'. On the left, there are four large icons: a house, two people, a map, and a flag. To the right of these icons is a 'Leaderboard' section with a table of users and their points:

User	Points
Niel Duquesne	6100 Points
Jodie De Greef	5500 Points
Tomas Hoste	4000 Points
Jelle Dutry	3900 Points
Jelis Papeart	2000 Points

At the bottom of the page, a footer bar contains the copyright information: 'Jodie De Greef & Niel Duquesne © 2016 DogRun, Inc. All rights reserved.'

1.0 Friendslist

The screenshot shows the DogRun application interface. At the top, there's a toolbar with icons for search, refresh, and navigation. Below it is a header bar with the 'DogRun' logo and a menu icon. The main content area has a green header 'Friendslist'. On the left, there's a vertical list of user profiles, each with a small profile picture, the user's name, and their score. To the right of this list is a table of users and their points:

User	Points
Your score	6100 Points
Niel Duquesne	6100 Points
Jodie De Greef	5500 Points
Tomas Hoste	4000 Points
Jelle Dutry	3900 Points
Jelis Papeart	2000 Points
Sharon Huwel	1800 Points
	1700 Points

At the bottom of the page, a footer bar contains the copyright information: 'Jodie De Greef & Niel Duquesne © 2016 DogRun, Inc. All rights reserved.'

2.0 Map

The screenshot shows a map of a rural area in Belgium, likely around Ghent. A large cluster of black dots is centered in the image, representing dog run locations. The map includes various roads labeled with numbers like N40, E40, N9, N37, N35, and N70. Towns and villages visible include Aalter, Everem, Destelbergen, Sint-Martens-Latem, De Pinte, Merelbeke, Melle, Laarne, Wetteren, Lokeren, Zele, Berlare, and Dendergem. The map has a green header with the 'DogRun' logo and a green footer with copyright information.

3.0 Go run

The screenshot shows the 'Go run' search interface. On the left, there's a sidebar with options: 'Freerun Zone', 'Dog Toilet', and 'Parks'. The main area is titled 'Freerun Zones' and displays two search results. Each result includes street name, city, sort order, house number, and a detailed description. The results are as follows:

Street	City	Sort	House number	Description
Azaleastraat	Gent	Losloopweide	36	T.h.v. Azaleastraat 36/Azaleapark (tegenover hondentoilet). Oppervlakte 180 m2.
Dracenastraat	Gent	Losloopweide	18	T.h.v. Dracenastraat 18/Hakkeneistraat (tegenover hondentoilet). Oppervlakte 1290 m2.
Europalaan	Gent	Losloopweide	134	T.h.v. Europalaan 134 (aan hondenzwemplaats). Oppervlakte 1950 m2.
Wittekaproenplein	Gent	Losloopweide	3	T.h.v. Wittekoproenplein 3
Jan Samijnstraat	Gent	Losloopweide	1	T.h.v. Jan Samijnstraat 1

The map at the top shows the same rural area as the previous screenshot, with a cluster of black dots indicating the locations of the found dog runs.

4.0 Profile

The screenshot shows a web browser window for the DogRun website. The title bar says "DogRun" and the address bar shows "file:///Users/jodie/DogRun/pages/profile.html". The main content area has a green header bar with the "DogRun" logo and navigation icons. Below this is a "Profile" section featuring a photo of a woman (Jodie) and her dog (Cooper). The profile details are listed as follows:

First name:	Jodie
Name:	De Greef
Address:	Molenstraat 7 1750 Lennik
Sex:	Female
E-mail:	jodiedegreef@gmail.com

On the right side of the profile section is a green "Log out" button. Below the profile section is a "My dogs" section showing a photo of Cooper and his details:

Name:	Cooper
Sex	Male
Dog breed	Belgian Malinois

Below this is a green "Change dog" button. To the right of the "My dogs" section is a yellow box titled "Number of run km" containing the following data:

Total:	18678 km
This year:	679 km
This month:	58 km
This week:	32 km
Today:	13 km

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