Mandatory 2 - Frontend Development fall 2015

The focus in this mandatory assignment is on the design part. You shall though develop a prototype that displays data about parking spaces in Aarhus from Open Data Aarhus. The data shall be displayed in a usable manor. The scenario is that you are driving in Aarhus and want to find vacant parking via your mobile phone. The requirements are:

Writings

8-10 standard pages (2400 characters including spaces) with your your considerations and reflections regarding:

Design choices and composition

Commented gestalt sketch that arguments for the choices made for the composition. Choice of navigation possibilities related to literature from Frost, Krug, etc.

Choice of colours and fonts

You have to balance these elements and your choices shall spring from a knowledge of user profile, context of use, and content.

Wireframe

The process from sketch to wireframe to prototype shall be documented and explained. Changes to the design are in focus.

Prototype

Use HTML5, CSS3 (we would like to see some Sass), and JavaScript - jQuery is welcome. The prototype shall work on mobile phones only. Use jQuery plugins or graph libraries like Chartjs to display the data in suitable and user-friendly way.

Data can be found at Fronter in the hand-in folder or retrieved from:
http://www.odaa.dk/api/action/datastore_search?resource_id=2a82a145-0195-4081-a13c-b0e587e9b89c

Hand-in

A PDF-file with your writings and a zip-file with your code. You may link to a live application on a server.

Deadline: 13th of November @ 23.59.

Ask any questions to the requirements to Mads (mvkh@eaaa.dk) or Niels (niha@eaaa.dk).