

React JS Code Camp 2018, Project presentation

The Store Info Stinfo

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Project Overview

❑ **Stinfo is a grocery store info**

- ❑ Shows the stores nearby ✓
- ❑ Opening hours ✓
- ❑ Check the price(s) of product(s) in the selected (or nearby) store ✓
(Foodie.fi, ~~Keeko~~)

❑ **Goal**

- ❑ Easy way to check if the store is open ✓
- ❑ What is the nearest store and if that store has the product that is wanted ✓
- ❑ Shopping list with aisle navigation help ✓

Schedule

We stayed on schedule

Wednesday 3.1.18	Thursday 4.1.18	Friday 5.1.18
<ul style="list-style-type: none"><input type="checkbox"/> Brainstorming<input type="checkbox"/> User-interface design<input type="checkbox"/> Implementation<input type="checkbox"/> Presentation	<ul style="list-style-type: none"><input type="checkbox"/> Implementation continues<input type="checkbox"/> Slides for Friday's session	<ul style="list-style-type: none"><input type="checkbox"/> Finishing touch<input type="checkbox"/> Preparing for presentation

Used tools

- **Node.js 8.9.4**
- **React 16.2**
- **Bootstrap 3.3**
- **jQuery 3.2**
- **rc-menu 6.2**
- **Express.js 4.15**

Bitbucket, Google Docs, Wiki

Faced issues

- ❑ Kesko and Lidl API does not exist, currently relying on Foodie.fi
- ❑ Faced some issues with CORS limitation when using “not so public” API
- ❑ Mostly “backend issues”

User Scenario example 1

Problem: Matti is a new student and he is hungry. He doesn't know where is the nearest supermarket. It's also 9:30 PM so he doesn't know if any market is open today anymore.

Solution: He uses Stinfo and sees that S-Market Sammonlahti is the nearest store. It is also open till 10PM!

User Scenario example 2

Problem: Ritva-Mielikki plans her family's grocery shopping. She wants to do the shopping in one place, but she is not sure if there are Chiquita bananas and Kulta Katriina -coffee in S-Market Sammonlahti. She also wants to know the prices of the products and make a shopping list.

Solution: Ritva-Mielikki uses Stinfo and she searches for the products. She is able to add the products to shopping list and there is also the total cost. Now Ritva-Mielikki is ready for shopping!

Coding trick

- ❑ **When facing with CORS limitation of a certain API (Foodie.fi), an API proxy can be implemented quite easily. In this project we used Express.js (a nodejs library) as one.**

Demonstration

Questions?