# Iteration 2

Goal for an Iteration 2 is

* Create server instead of static page and connect it to my vending machine.
* Create a customer part of vending machine
* Start styles for a customer and a manager part
* Add images

|  |  |  |
| --- | --- | --- |
| Task | Planned time to spent | Actual time |
| 1.Research | ½ Hour | ½ Hour |
| 2.Plan / Analyse | ½ Hour | ½ Hour |
| 3.Add a server(node) | 1 Hour | ½ Hour |
| 4. MVC model | 2 Hours | 2 hours |
| 5 Customer part | 1Hour | 1 Hour |
| 6.Images, style | 1 Hour | 1 Hour |
| Total: | 6 | 6 |

Class diagram has not been changed much since last performance review.

Diagram

Description automatically generated with low confidence

A lot of work has been done to change the design and working part of the vending machines. Server rendering was chosen instead of static rendering, due to its flexibility and better performance. It will respond to any request that the user makes — even ones might not have expected.

Text

Description automatically generated

## Working Process

Model–view–controller was chosen as a model for a vending machine. To manage a dependencies I am using a NPM with a package-lock.json.

Graphical user interface, application

Description automatically generated

Iteration 1 - Static page .Before Iteration 2. At this stage only “Manager” part was developed

Graphical user interface, application, Word

Description automatically generated

After: Server page with a customer part appeared on right side of the webpage. At some stage Manager part should be hidden.

Graphical user interface

Description automatically generated

Usage of Import and export made the work much easier and made the code more elegant

Text

Description automatically generated

Insignificant errors appeared when I was testing my code

Graphical user interface, text, application

Description automatically generated

Line 1- I can not identify any problem

Line 17 – for some reason commented parts marked as an error.Graphical user interface, text, application

Description automatically generated

Example of a custom event

Graphical user interface, text

Description automatically generated

## Performance review

The work that I have done over the past two weeks has improved and increased the performance of vending machine.

* Server part was created by using a node.
* Custom Events have been created to add coins and product on click button
* A custom part was added to the interface, which will be further developed with a better design and a functional part will be added.
* A plan has been formed for future iterations, which I slowly but surely follow. At the moment my plan is make vending machine for customer and vending machine for a manager interact with each other. I am missing some methods for making a purchase and giving a change. This is the main task for me now.
* New skills and knowledges have been received by me, which will help me in future iterations and assignments. I understand better the structure of vue and its components.

In conclusion I would like to add that this iteration went according to the plan, which is very positive side for me. POMODORO technique still in a use. Every 25 minutes a take a small brake for a water and to give a rest to my eyes.