

# API Specification

## Silhouette

Group 12:  
Mats Engelen  
Lars Erik Faber  
Håkon Marthinsen

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# 1 Intro

## 2 Group Description

### 2.1 Delegation of Work

#### Description of Work

Each students writes about scenarios they have contributed with... Workload...

## 3 Background

Establish existing solutions ...

## 4 Design Specification

High Level Design Principles...

### 4.1 Design Patterns

### 4.2 Design Decisions

### 4.3 Personal Decisions

## 5 Project Structure (File Structure)

### 5.1 Type Reference Documentation

Link to type doc...

## 6 Client Code

### 6.1 Scenarios and Solutions

#### Scenario 1

Make two CSS rulesets and a grid. Give one of the rulesets a class to target and change the background-color of one ruleset. Add the grid to the same ruleset and set it's columns and rows. On the second ruleset, set the text-color, add it to the first ruleset, create a Container of type "header" and give it the same class as the ruleset.

#### Scenario 1 - Proposed Solution

```
RuleSet colorBlue = new RuleSet(".BlueClass");
colorBlue.addRule("background-color", "blue");

Grid blueGrid = new Grid();
colorBlue.setColumns("10px", "12px");
colorBlue.setRows("10px", "12px");

RuleSet colorGreen = new RuleSet();
colorGreen.addRule("font-color", Color.RGB(23, 52, 12));

colorBlue.addRule(colorGreen);
```

```
Container myHeader = new Container("header");  
myHeader.applyClass("BlueClass");  
  
-->  
<header class="BlueClass" ></header>
```

## **Scenario 2**

Make a table whose size changes dynamically, add values to the header row and add values to the rest of the rows as they are generated. Apply a class to the table and set a header color for the table.

**HTML**

**CSS**

## **7 User Testing**

### **7.1 Description of setup**

### **7.2 The Code**

### **7.3 Feedback**

## **8 Revised API**

## **9 Project Discussion and Conclusion**