

API Specification

Silhouette

Group 12:
Mats Engelen
Lars Erik Faber
Håkon Marthinsen

Contents

1	Intro	3
2	Group Description	3
2.1	Delegation of Work	3
3	Background	3
4	Design Specification	3
4.1	Design Patterns	3
4.2	Design Decisions	3
4.3	Personal Decisions	3
5	Project Structure (File Structure)	3
5.1	Type Reference Documentation	3
6	Client Code	3
6.1	Scenarios and Solutions	3
7	User Testing	4
7.1	Description of setup	4
7.2	The Code	4
7.3	Feedback	4
8	Revised API	4
9	Project Discussion and Conclusion	4

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

Silhouette is a Java web framework that aims to let users easily create websites in java and enables people who are not web designers to generate HTML and CSS from a range of classes and methods. The following report will give insight to our design decisions and the current state of our framework.

Scenario 1 - Proposed Solution

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

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

RuleSet colorGreen = new RuleSet();
colorGreen.addRule("font-color", Color.colorRGB(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