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Wildfire Prevention and Fighting Dashboard Design – Part II

Human-Computer-Interaction

Helena Silva  
up200803677@edu.fc.up.pt

Rui Costa  
up202108271@edu.fc.up.pt

Sérgio Cardoso  
up202107918@edu.fc.up.pt

Tomás Fontes  
up202107382@edu.fc.up.pt

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# Introduction

# **Section 3**

## 3.1 A summary of the situation after the first assignment

## 3.2 Detected Problems and Sketches in low fidelity

## 3.3 Visual features

### 3.3.1 Choice of colour palette

In order to create a colour palette for use in the prototype, the Coolors[[1]](#footnote-1) software was employed. Initially, 19 colour palettes were generated (named palettes, where x was the number between 1-8, 10-17 and 19-21, which are presented beneath.

A screenshot of a color palette

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Description automatically generated A color palette of different shades of grey

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Subsequently, each member of the group selected their five preferred palettes, as illustrated in the subsequent table.

Table 1- Selected Pallets by each element of the group

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Name* | *Selected Pallets* | | | | |
| Helena | 1 | 5 | 6 | 10 | 20 |
| Rui | 3 | 6 | 10 | 15 | 19 |
| Sérgio | 4 | 5 | 10 | 16 | 19 |
| Tomás | 3 | 5 | 10 | 15 | 20 |

Consequently, the colour palettes were ranked as follows: Palette 10 received four votes, while Palette 5 received three. Additionally, Palettes 3, 6, 15, 19, and 20 were each assigned two votes.

## 3.4 Improvements

## 3.5 Description of the visible system components

# **Section 4**

## 4.1

## 4.2

## 4.3

## 4.4

A diagram of a computer program

Description automatically generated A diagram of a computer

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Figure 2 - The preliminary version of the dashboard at the stage of development

## 4.5

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# **Conclusão**

# **Bibliographical References**

# **Appendices**

## A –

firefighting strategy

1. https://coolors.co/ [↑](#footnote-ref-1)