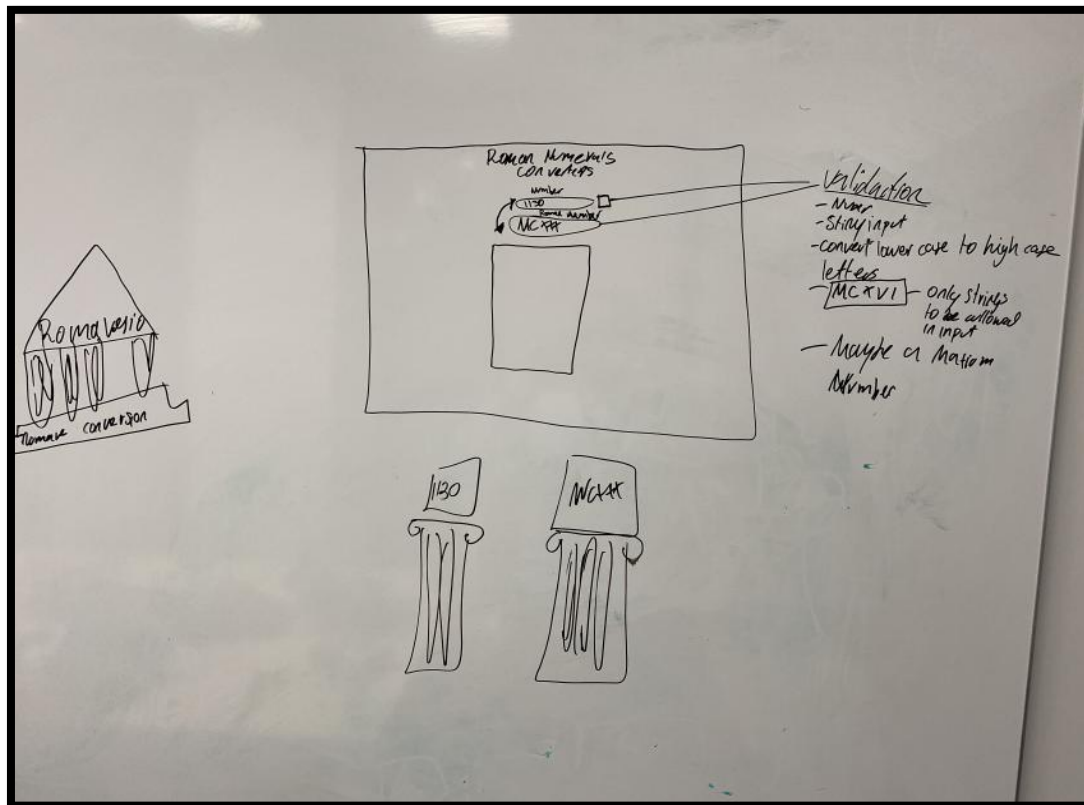# ROMAN NUMERAL CONVERTER

UI Design Document

Introduction

During the discovery phase of our project, we decided that doing some planning and designing regarding our UI would be a good idea. This would allow us to build the application based off of existing designs, rather than making them up on the spot during development. This phase did not take too much time as we quickly came up with a design that all of us liked.

Low fidelity design

First, we decided to meet in person at our office and draw up physical designs on a white board. This allowed us to draw out design ideas quickly and easily, enhancing the creative process.
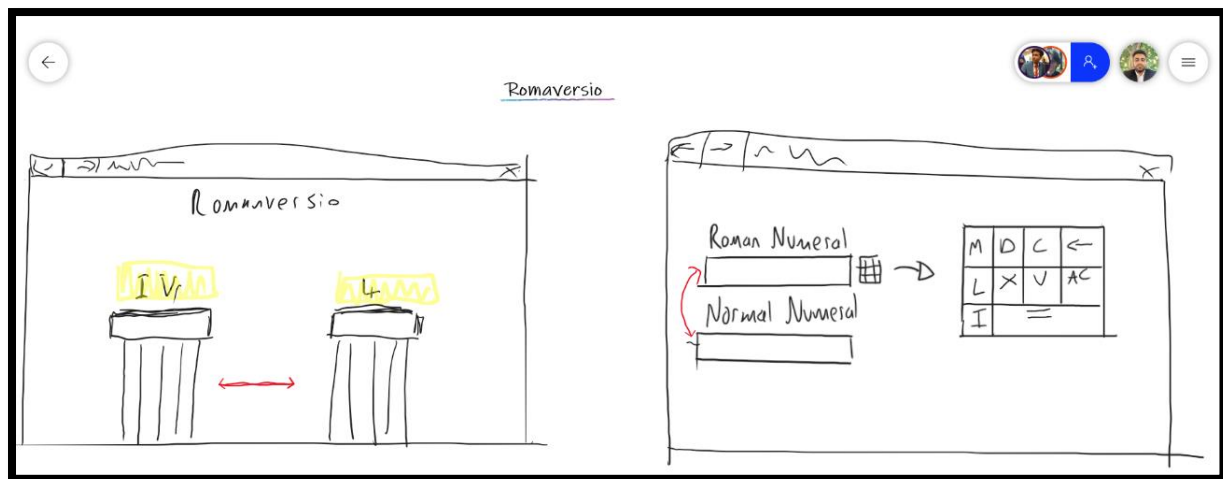

During this session we came up with a few different UI designs, but the two we liked most were:

1. Two input boxes plus a roman numeral input calculator, allowing the user to pick the roman numbers

2. Two input boxes resting on top of Roman style pillars, this would allow us to theme the website a roman way.

While designing the UI we also came up with a name for the website / program, we came up with it by combining two Latin words, 'Romana' (Roman) and 'Conversio' (conversion), resulting with Romaversio (roman conversion).
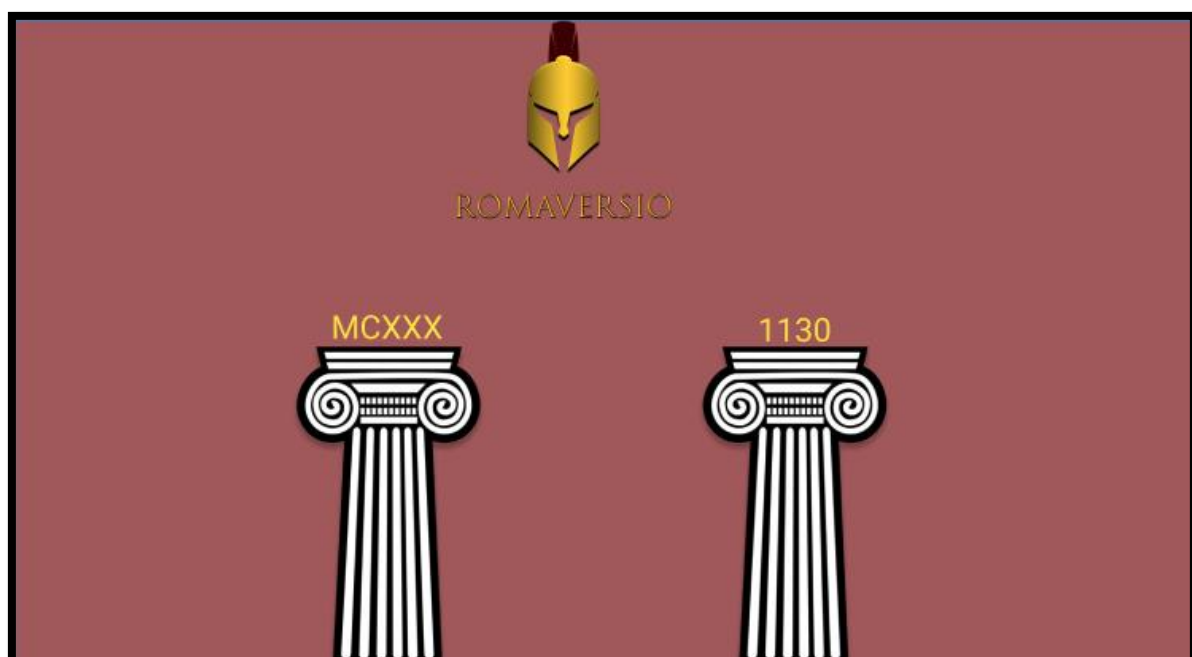
Mid fidelity design

After drawing up the rough low-fidelity designs on a whiteboard, we decided to make some mid-fidelity versions digitally. This allowed us to add extra detail to certain aspects of the designs, such as a more in depth look at the roman input calculator idea.

From the two designs we all unanimously decided to choose the Roman Pillar design as it felt more visually appealing and less cluttered; it would also allow us to style the program to match its functionality.

High fidelity design

Our final design stage consisted of creating a logo for the program, along with some high-fidelity designs. Here we started experimenting with different colours and settled on a red background colour with a gold logo and text.

To ensure the application would be user friendly we also created a Mobile version of the high-fidelity design. This version no longer features the columns to ensure good readability and formatting, in addition, this version also stacks the text and inputs, which should make the mobile user experience much better.