CCT College Dublin

Assessment Cover Page

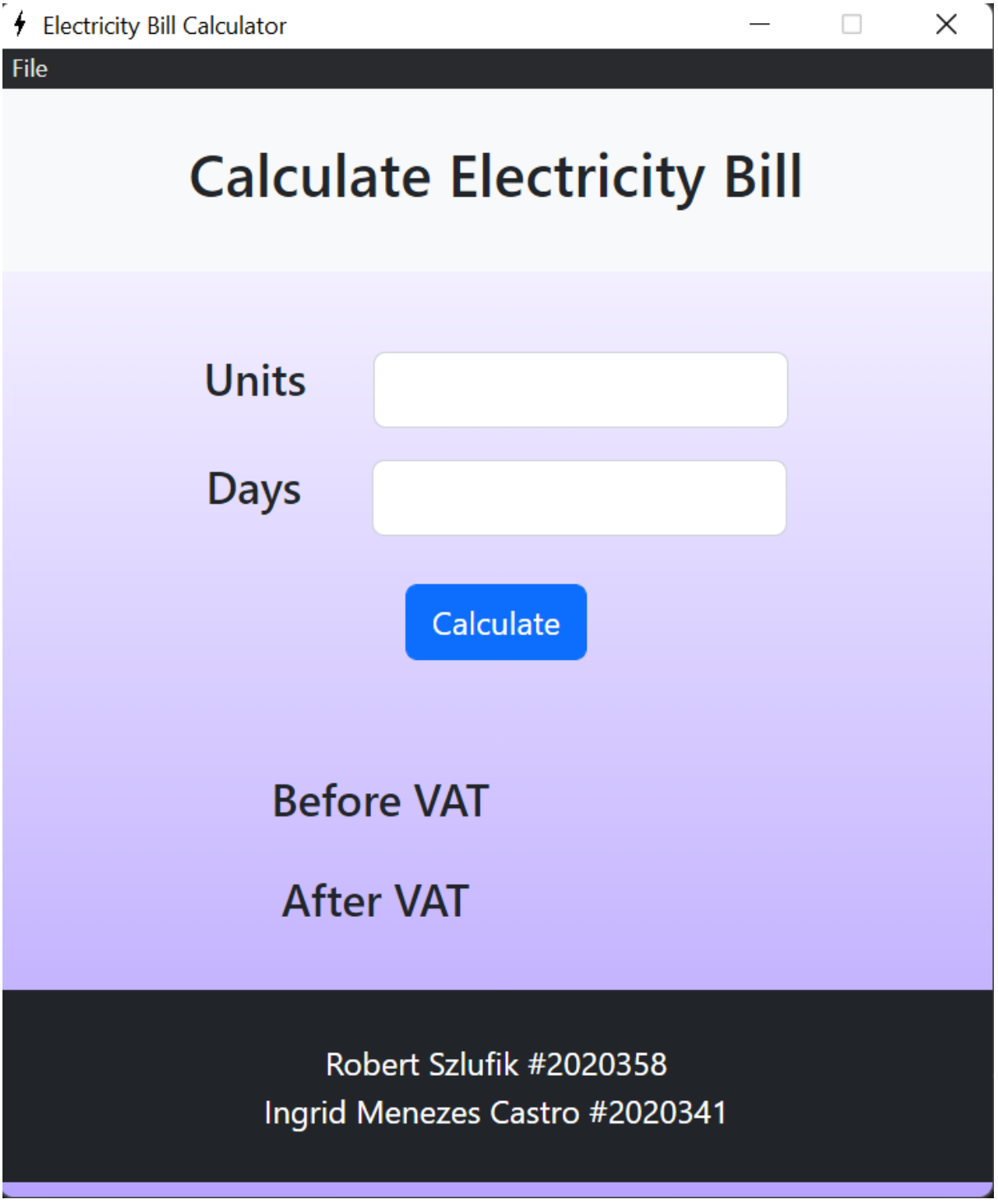
Module Title:	Cross Platform Development
Assessment Title:	CA 3 - Theory and Practical (30%)
Lecturer Name:	Dr. Muhammad Iqbal
Student Full Name:	Robert Szlufik Ingrid Menezes Castro
Student Number:	2020358 2020341
Assessment Due Date:	20/05/2022
Date of Submission:	20/05/2022
GitHub link:	https://github.com/rpsbobby/electricity-bill-calculator--electron.js
Video link:	https://drive.google.com/file/d/1DmWdKhRaPSkmqkuMapA2argbLdvjsveb/view?usp=sharing

Declaration

By submitting this assessment, I confirm that I have read the CCT policy on Academic Misconduct and understand the implications of submitting work that is not my own or does not appropriately reference material taken from a third party or other source. I declare it to be my own work and that all material from third parties has been appropriately referenced. I further confirm that this work has not previously been submitted for assessment by myself or someone else in CCT College Dublin or any other higher education institution.

Table of content

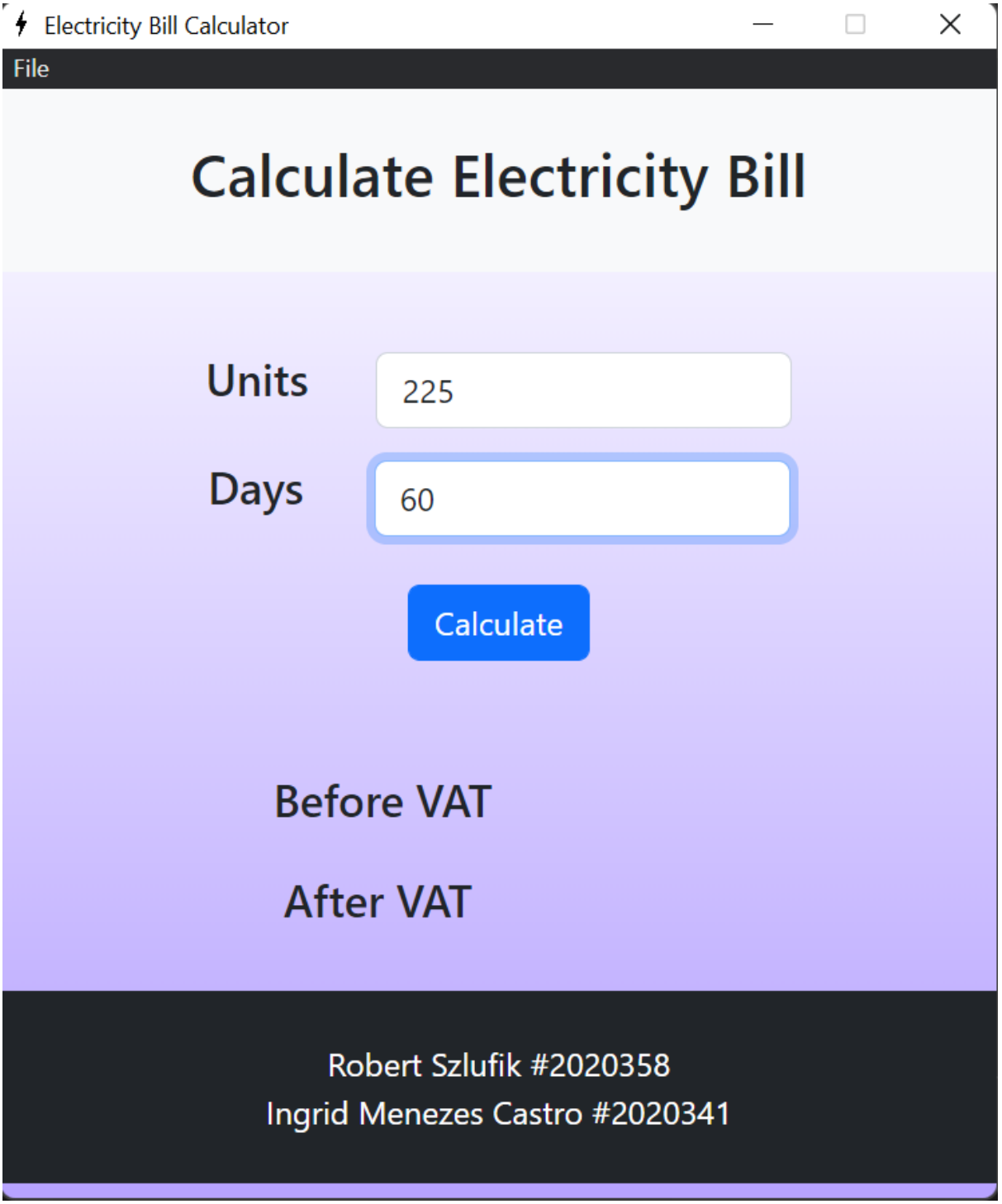
Overview



(The Electricity Bill Calculator main screen)

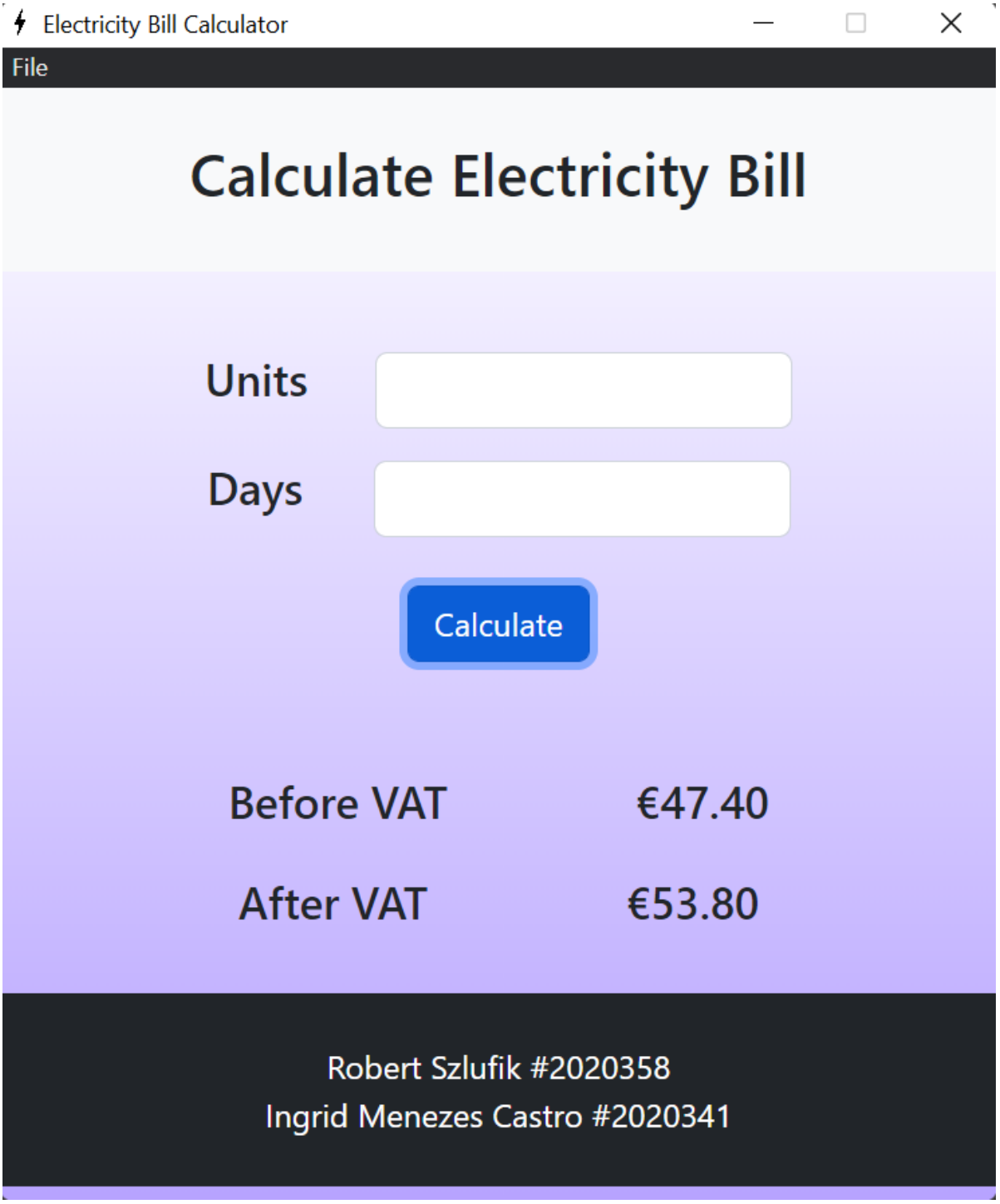
We decided to have a very simple and intuitive interface for the user, with nothing more than a form, where they would type the units/number of days and a button to calculate. After calculating, the values are cleared so the user can calculate another electricity bill.

Inputting values



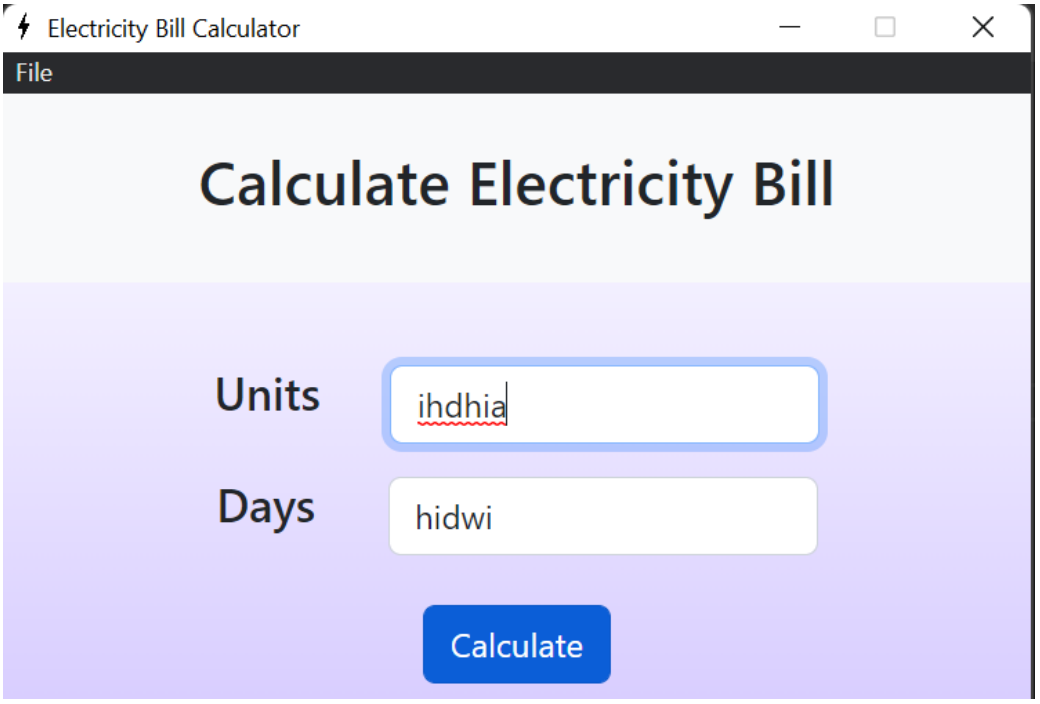
(Example values being inserted on the form)

Obtaining Results

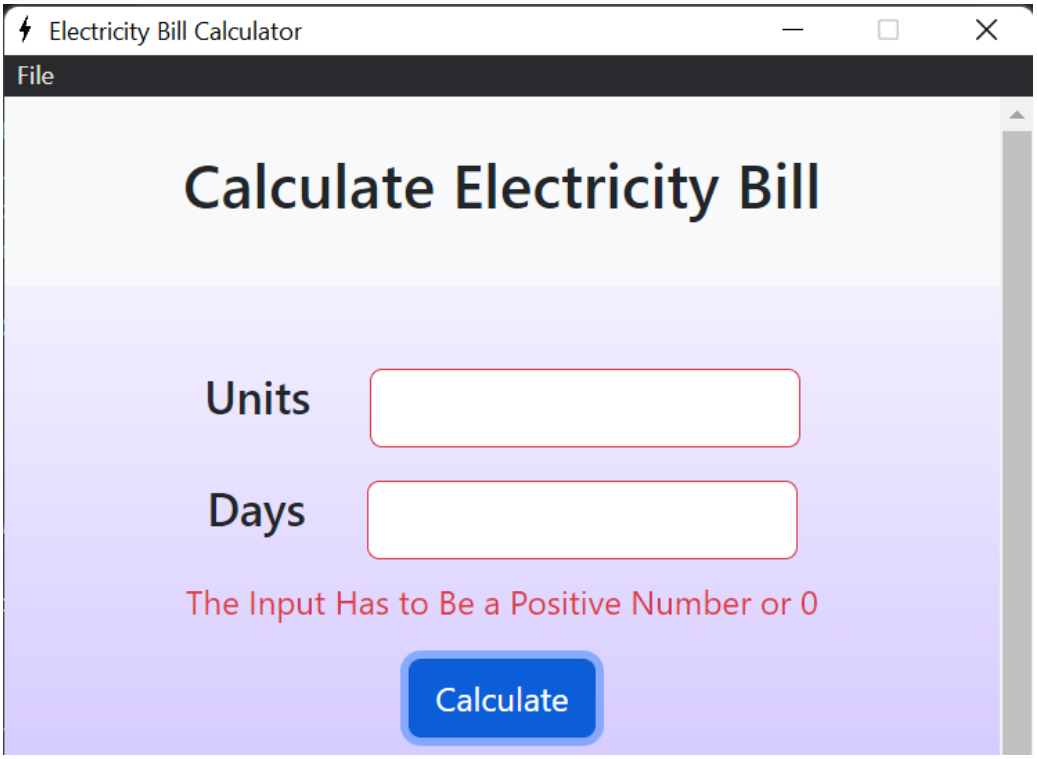


(Obtaining the values calculated)

Displaying errors

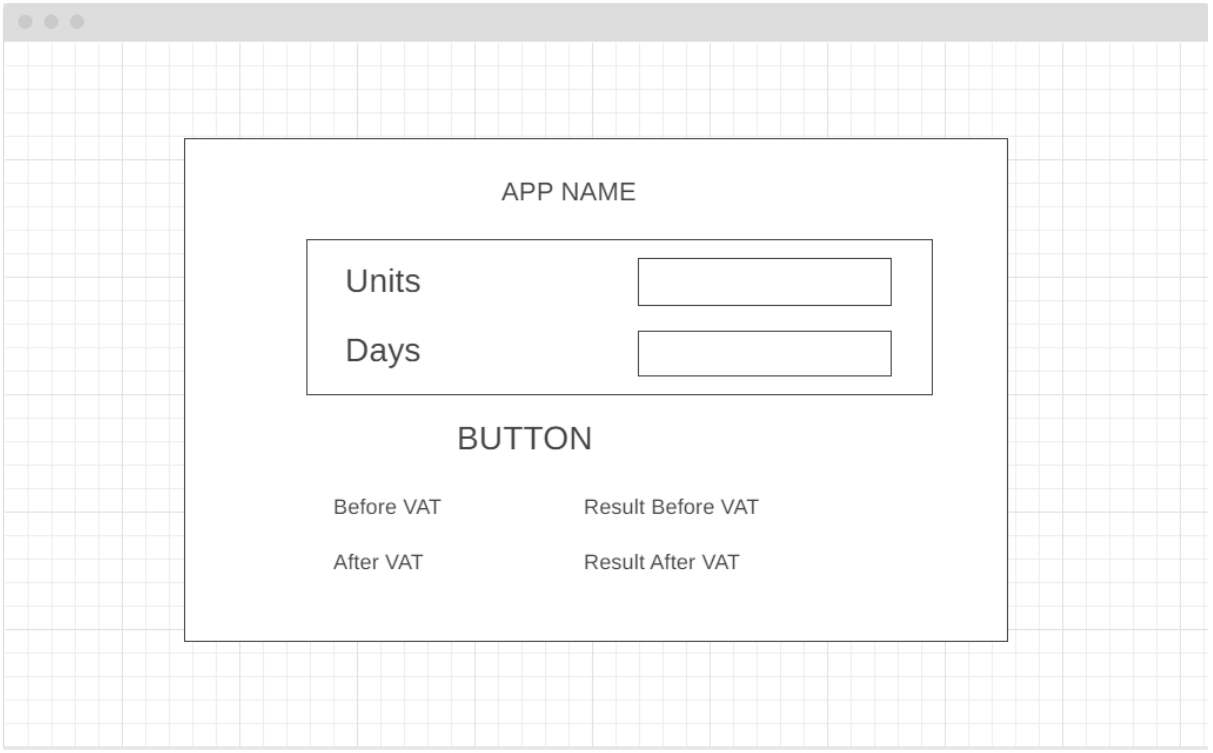


(Wrong values being inputted in the application)



(Error message is displayed for the user)

Wireframe



(App's Wireframe)

Individual Contribution to the project

This project in terms of collaboration was divided in two parts: the backend and front end. Robert was responsible for the backend (main.js, calculator.js, package.json) and Ingrid was in charge of the front end (index.html, styles.css, script.js).

Besides that Robert did the repository, the initial setup, unit testing and video presentation, while Ingrid was in charge of wireframe, video editing and the report.