

# The Master Calculator

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## Introduction

Adding more calculation's options to complex calculator made calculator more confusing and more complicating for the users. The calculator's Keyboard becomes crowded with symbols and letters. This tends to frustrate users. The master calculator on the other hand is designed to resolve the problem of the crowd keyboard by moving away from that tiny and static keyboard to dynamic and clean keyboard.

## The Designing Language

The Master Calculator App was developed in flutter open-source framework. Dart itself is an official language for flutter. An application develops in flutter runs across platform, i.e., android, iOS, MacOS, Window, and Linux.

## Literature cited

Whitney, T. and the others (1972). The "Powerful Pocketful": An Electronic Calculator Challenges the Slide Rule.. 0023hpjournal01.pdf

## Results

### App:

Main home Page.

Basic calculator Page

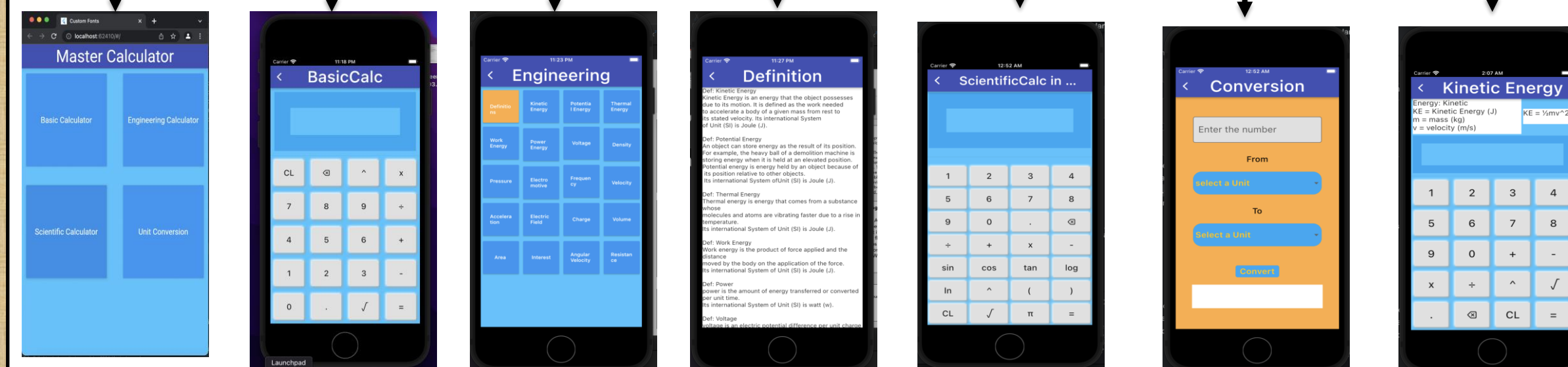
Engineering Calculator

Definition of terminologies

Scientific Calculator

Unit Conversion

calculation with with formula, e.g.



Hi Fidelity Prototype



## Conclusions

Many things in a live need a calculation, and we need a calculator to do those things. However, the bad practice is carrying a physical calculator all the time in your pocket.

One of the advantages of the master calculator is that you don't need a physical calculator as long as you have your cell phone. Just download the master calculator to your phone and you are ready to go.

The master calculator doesn't need w—fi or internet. In addition, the master calculator take a minimum megabyte in your cell phone.

## Acknowledgments

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## Further information

Please see: <https://github.com/paa180/ENSE-400-Master-Calculator> for more information. If there is any question get me at paa180@uregina.ca or philip.anyuon@yahoo.ca