*MOBILE APPLICATIONS DEVELOPMENT 2*

*Design Document*

**Description of Application**

* The Application that I Intend to design Is a Unit Converter application. This will cover the most important and most common used units of measurement that would need to be converted for you on the go.
* The units of measurement that I will be focusing will be currency first as it is so important to us in our day to day lives. I plan on having the 4 main Currencies in the app be able to convert with one another (Euro, British Pound, US Dollar, Yen).
* The other unit of measurement that I will be converting will be Time as this is also a vey important part of day to day lives as we depend on time so much our Lives revolve around time. My plan is to convert (Sec’s/Mins, Mins/Hours, Hours/Days, Days/Weeks, Weeks/Years).
* My other unit of measurement that I will be converting is Speed as its always useful to be able to convert (Miles per hours to Kilometres per hour).
* The other unit of measurement that going to be converted is Temperature as its so important in Ireland. the two obvious units that I will be converting is Celsius and Fahrenheit
* For the hardware integration of the application I plan on using the Torch it will act as light for my app

**Research and investigation**

When I was looking for ideas on how it might look appearance wise and the layout in general, I found apps on the play store which looked aesthetically pleasing to the eye and layout was quite good

Play Store: (Unit Converter, Unit Converter: Smart Tools, Currency converter).

**User Interface**

The next few Sketches is what I would like the UI to look like.

The Sketches show were the buttons will bring you one they are clicked to a new page were the units of conversion are calculated.





