

IT351 – Human Computer Interaction

Assignment 4 – Unit Converter Interface

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An interface was designed and created for a convertor application. The user can choose between three conversion units, namely length (centimeter, meter, and kilometer), mass (milligram, gram, and kilogram) and temperature (Celsius, Fahrenheit and Kelvin). The interface follows Fitts's Law by using an optimal size for the selection and by keeping the input field near the unit selection to reduce the time the user takes to move his cursor. The interface also follows the Hick Hymans law by keeping an optimal number of choices for the user.



