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COMP 3710, Assignment 1

**User Story #1: As a user, I want to convert a Fahrenheit measurement to Celsius**

Use Case Name: Fahrenheit Conversion

Actors: General User

Goal: Convert a specified Fahrenheit measurement to Celsius

Preconditions: User has the software up and running at the main screen

Summary: The user will touch the Fahrenheit field at the top of the screen and enter their desired value. Afterwards, they will click the “Convert” button just below. The conversion from degrees Fahrenheit to degrees Celsius will appear in the corresponding field below the button.

Related Use Cases: None.

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Touch the Fahrenheit field | Allow the user to enter their measurement |
| Specify degree Fahrenheit measurement |  |
| Touch “Convert” button | The conversion from Fahrenheit to Celsius appears below |

Postconditions: The system will stay on the same screen and show the conversion to Celsius.

Main Screen:

Fahrenheit:

Convert

Celsius: