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IS 345-54

Project 2 Semi-Final Draft

Feb 5, 2023

**Project 2: Weather Analysis V3**

My source code was too large to paste with proper formatting, so I’ve provided links to my GitHub. The followings link will take you directly to the source code for each form. Feel free to explore the project in general from there if you wish.

**Source Code: Form1.cs**

<https://github.com/mcworkaholic/IS345-WeatherApp/blob/PC/Form1.cs>

**Source Code: Form2.cs**

<https://github.com/mcworkaholic/IS345-WeatherApp/blob/PC/Form2.cs>

**Runtime Screenshots(Next Pages)**

**Graphical user interface

Description automatically generated**

Form load

Graphical user interface

Description automatically generated

After “weathersmall.db” database is selected

Chart, line chart

Description automatically generated

After Plot button is clicked (with “weathersmall.db” & year range of 2000-2010 selected)

Graphical user interface

Description automatically generated

After “Get” button click of San Francisco, CA

**Needs Further Development**

* Database Normalization/Combination
* Remove redundancies
* For loop to iterate over each edited row and validate each
* Cleaner editing functionality
* Region Selection in a new combobox with subsequent changes to each individual state textbox
* Multi-record deletion when user types into search textbox