Main Challenge VB6 to Python/Flask

31 October 2023   12:18

Challenge 1 - VB Code to Python/Flask

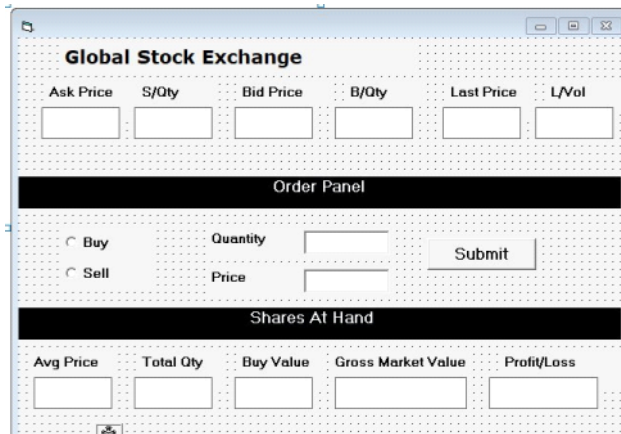**How capable is Gen Ai at converting older code into something a bit more modern?**

For this challenge we'll be using GitHub Copilot/Chat (Powered by GPT-4) to convert an old VB Winforms Application into a modern Python Application.

Preparation:

- Ensure that the GitHub Copilot and GitHub Copilot Chat extensions are installed from the VS Code Marketplace.

Project Overview:

We're going to be working with this Stock Trading Simulation Program located here: https://www.vbtutor.net/index.php/stock-trading-simulation-program/, the program is in currently VB6 and we want to convert it into a Python/Flask Web Application.

You can choose to either copy the code into a .vb file in your workspace OR simply paste it directly into Copilot Chat. Open GitHub Copilot Chat and attempt to ask GPT-4 to convert the code for you, try playing around with the right prompts for example

Examples

> *Take this VB code and convert it into a modern Python/Flask Web Application for me. Save the output to a Python file and verify that it works.*

Step 2:

You'll probably find that GPT-4 has created a python file to handle the backend logic but you're missing a frontend HTML template. Try and ask Copilot to generate the HTML template for you, if you don't know where to put this HTML file then ask Copilot Chat again :)

Examples

> *I am getting the error [x] what does this mean?*
> *Generate the HTML template for this application for me*
> *Where do I put this HTML template?*

Step 3

Play around with the styling and look and feel of your new application - let's see what GPT-4 can do

Example:

> Can you apply UK Government GDS styling guidelines to this webpage?

Challenge

Optional Can you deploy this application to an Cloud environment Application? Ask Copilot Chat if you don't know how!