Team 3: User Guide for the Fortune Teller Application

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CMSC 495-7382: Capstone in Computer Science

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December 12, 2023

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Getting Started

System Requirements

Operating System: Window 10 +, Mac Sonoma 14
Programming Language: Python3

Installation

- ❖ *You must install Python in order to run the Fortune Teller program.*
    - ➢ Download Python (a version 3.9 and up) from the official website:
    - ➢ Python Downloads

  Version Control: Git
- ❖ *You must install Git in order to clone the project off github directly*
    - ➢ *Installing Git*

Git (command line):

To run the Fortune Teller program using the Git Command Line, run the following

commands in order by typing (or copying the highlighted portion) into the terminal and pressing

enter.

1. Clone the Repository into your current working directory:

    git clone https://github.com/squanchthis13/Fortune-Teller.git

2. To run the program from the command line, be sure you navigate to the Cloned
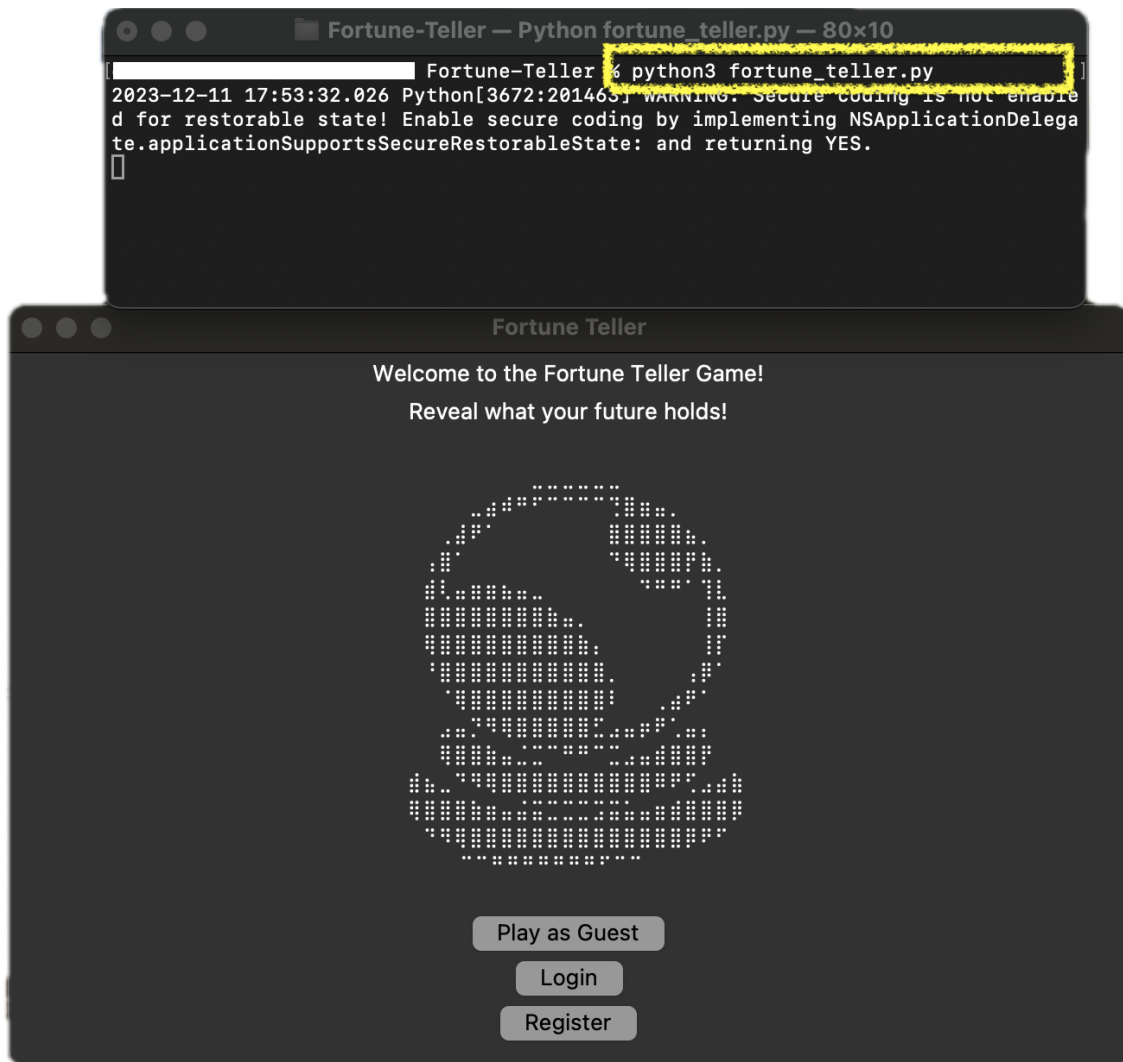
   Directory:

   cd Fortune-Teller

3. Install Dependencies: [bcrypt Installation Guide](#)

   pip install bcrypt

4. Run the Program:

   python3 fortune_teller.py OR python fortune_teller.py

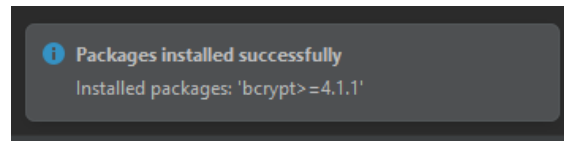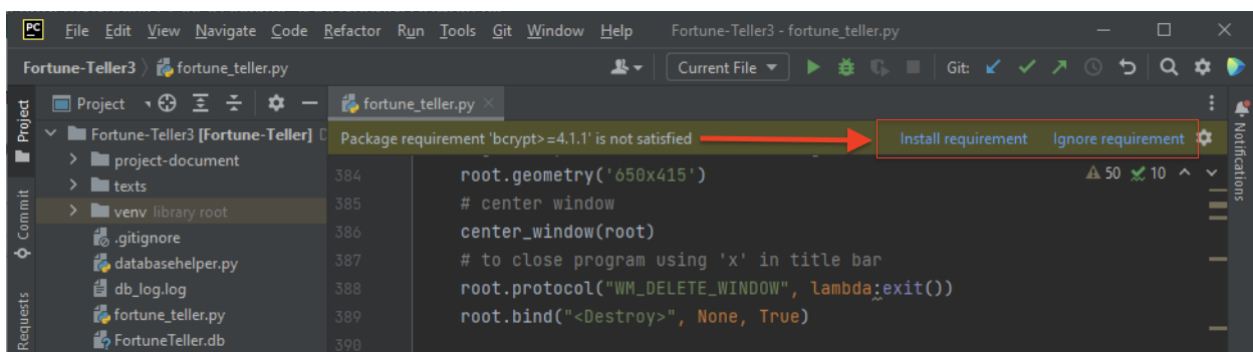5. Enjoy ! :)

Integrated Development Environment (IDE):

The IDE used in the example below is PyCharm but you can use any modern IDE with a built-in version control system.

1. Clone the Repository within IDE*:*

   a. [Clone a repository in PyCharm](#)

   b. Repository Link: *https://github.com/squanchthis13/Fortune-Teller.git*

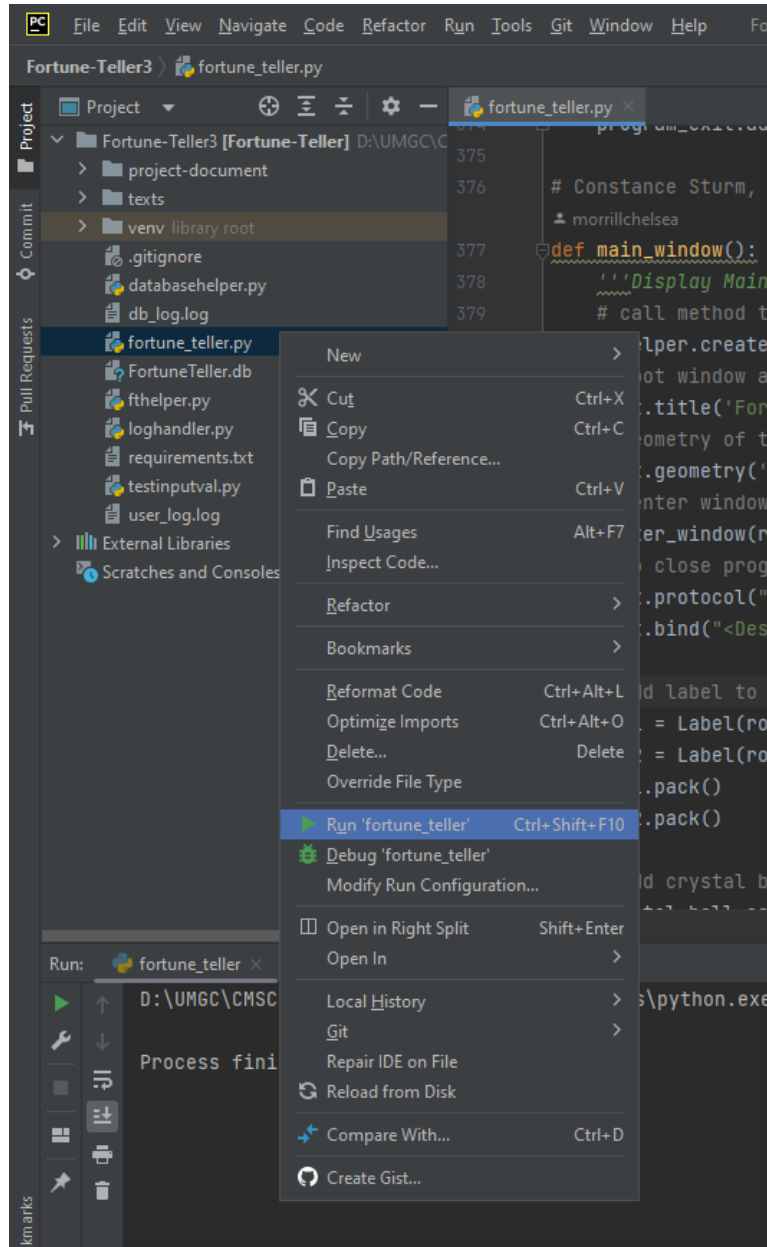2. Install Package

   a. using the terminal: [bcrypt Installation Guide](#)

      i. pip install bcrypt

   b. or within Pycharm (click "Install requirement")

3. Run the program:

   a. Right click on 'fortune_teller.py', and click Run 'fortune_teller'

4. *Enjoy !*

If you have encountered a problem, please see FAQs at the bottom of the guide for common issues and possible resolutions.
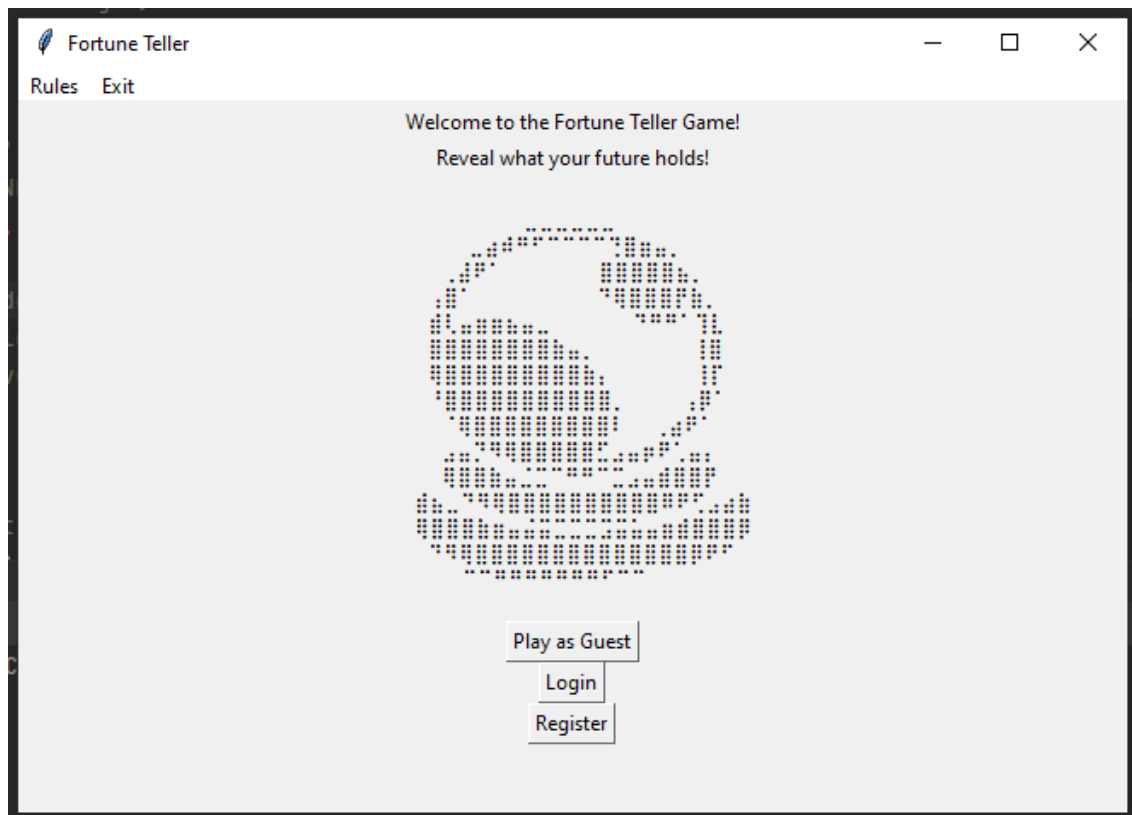
How to Play

When the application begins, the program will display a welcome message and main menu containing different options to the user:

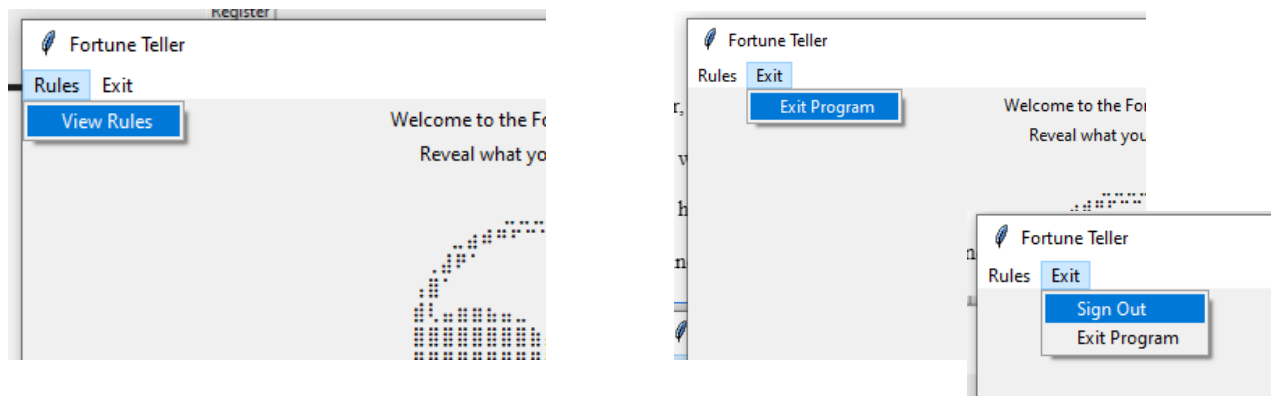- ❖ Menu Bar
  - ➢ Rules
  - ➢ Exit
- ❖ Main Window
  - ➢ Play as Guest
  - ➢ Login
  - ➢ Register

Menu Bar

From the menu bar, if the user selects "View Rules" from the "Rules" dropdown menu, the fortune teller program will output a window "Rules of the Fortune Teller" which displays the game's rules and explains how to save a previous fortune for returning users. If the user selects the "Close" button, the window will close, returning them to the main menu.
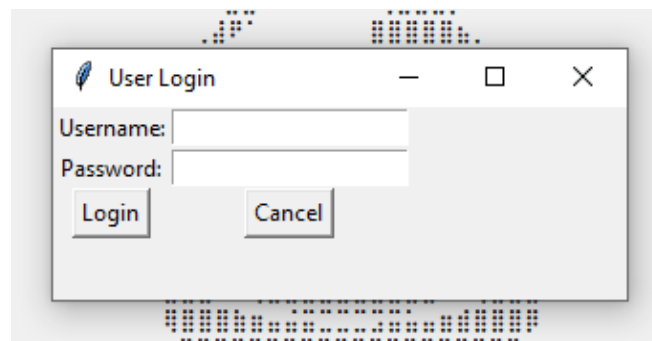

If "Exit" is selected, the user is given the option to "Exit Program." Once clicked a confirmation exit message is displayed enabling the user to continue playing or exit. If a player is signed in, hovering over "Exit" will also show the option to Sign Out.
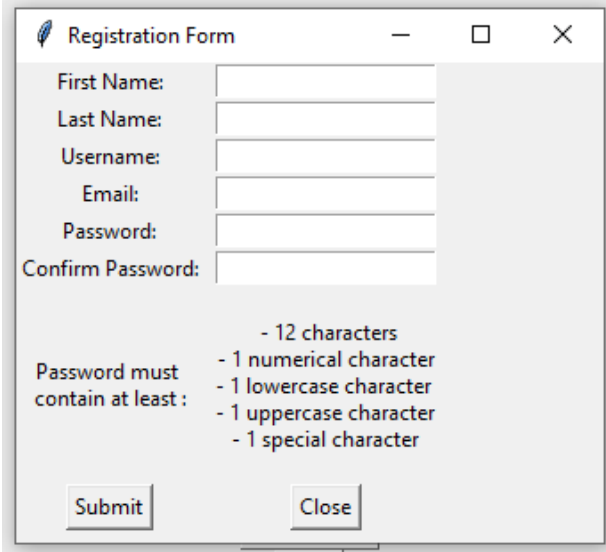
Main Window

From the main window, if the "Play as Guest" button is clicked, the fortune menu will populate in a new window to allow the user to select a fortune and play the game.

If the user selects the "Login" option, the form for logging in will display and prompt the user to enter in their username and password.
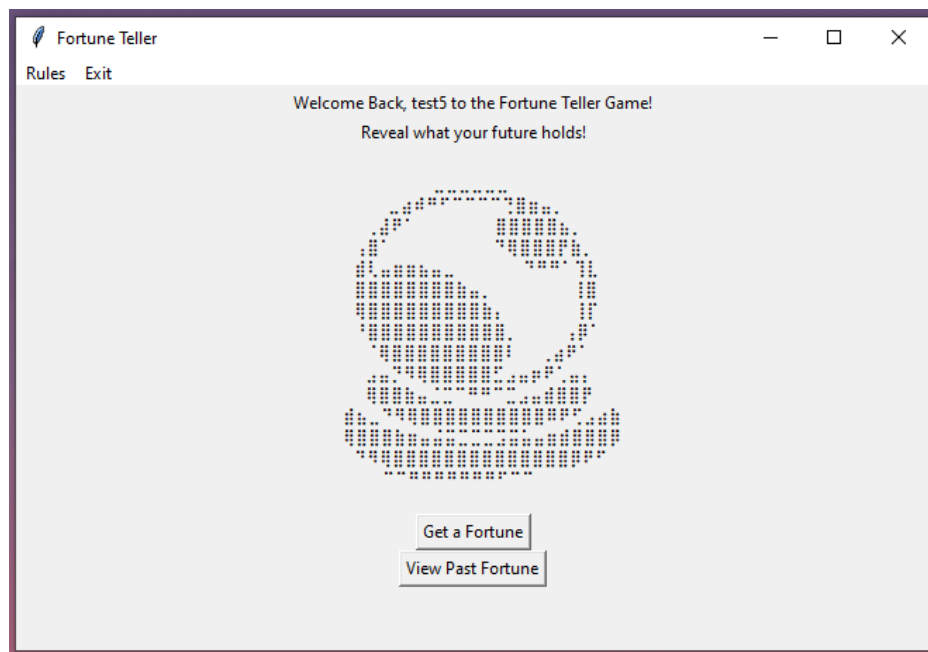
If the user selects "Registration," the registration window will open to enable them to create an account. Once registration is complete, the user is directed to return to the main menu to log in.

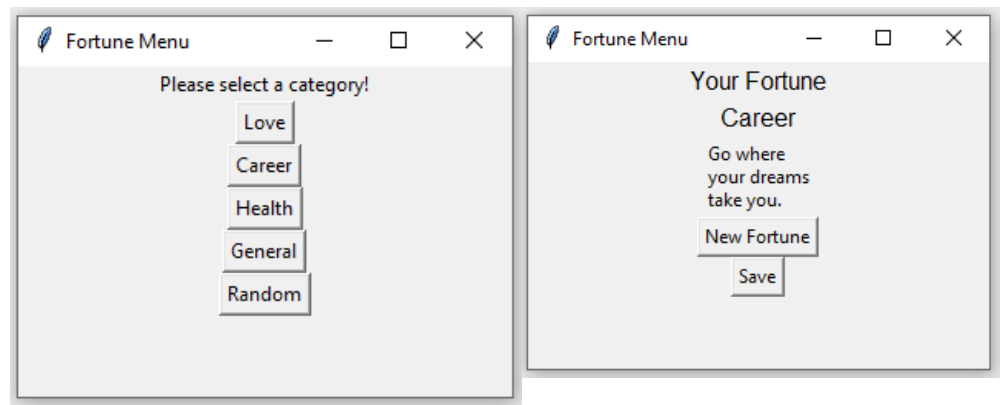Once a user is logged in, they are returned to the main menu which now presents them with the options:

❖ Get a Fortune

❖ View Past Fortune

If the user selects, "Get a Fortune," they are directed to the "Fortune Menu." If the user opts for "View Past Fortunes," the "Past Fortunes" window will populate and display the messages they have received from previous games played. If no fortunes have been previously saved, then the output remains blank.

If a user selects to "Play as Guest" or logs in successfully, they will be redirected to a fortune menu. This menu will contain a selection of categories for the user to choose their desired fortune from, including:

- ❖ Love

- ❖ Career

- ❖ Health

- ❖ General

- ❖ Random

Each selection returns a fortune from the corresponding category and the option of "New Fortune" and, if the user is authenticated, "Save."

If "New Fortune" is selected, the user is returned to the "Fortune Menu" to select a new category. If "Save" is selected, the program outputs a confirmation window and returns the user to the "Fortune Menu" upon closing.

If the user selects the "Exit the Program" option, a confirmation message is displayed confirming the user's desire to exit. If confirmed, the user is shown a goodbye message and the program ceases to run. If declined, the user is returned to the program's main menu to make another selection.

Troubleshooting

FAQs

❖ I keep getting "ModuleNotFoundError: No module named 'bcrypt'." What should I do?

```
Traceback (most recent call last):
  File "D:\UMGC\CMSC495\Fortune-Teller3\fortune_teller.py", line 18, in <module>
    import databasehelper as DBHelper
  File "D:\UMGC\CMSC495\Fortune-Teller3\databasehelper.py", line 10, in <module>
    import bcrypt
ModuleNotFoundError: No module named 'bcrypt'

Process finished with exit code 1
```

➢ Install 'bcrypt':

■ Using the terminal: bcrypt Installation Guide

➢ VS Code IDE:

■ Set up a virtual environment : Using Python Environment in VSCode

■ Then configure the Python interpreter to be 3.11 and install bcrypt

following the instructions provided above "Install 'bcrypt'."

❖ I received 'WARNING: You are using [...] however, version … is available'

```
WARNING: You are using pip version 21.3.1; however, version 23.3.1 is available.
You should consider upgrading via the 'D:\UMGC\CMSC495\Fortune-Teller-PreTest\ver
```

➢ The Fortune Teller program would still run as expected and you can safely ignore

these types of warnings.