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Summer Reading Prize Application

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SDEV140, Module 8 Final Project

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Introduction

The Summer Reading Program Application was developed by Austin Stroud as part of the course requirements for SDEV140: Introduction to Software Development at Ivy Tech Community College during the spring 2023 semester. The main goal of the Summer Reading Program Application is to make it easier for libraries to track what prizes summer reading program participants select, and which drawing they are entered into for a grand prize upon the conclusion of the summer reading program. Summer reading programs happen every summer at libraries across the globe, and anything that can make the librarians' work easier to track the small details can be a lifesaver.

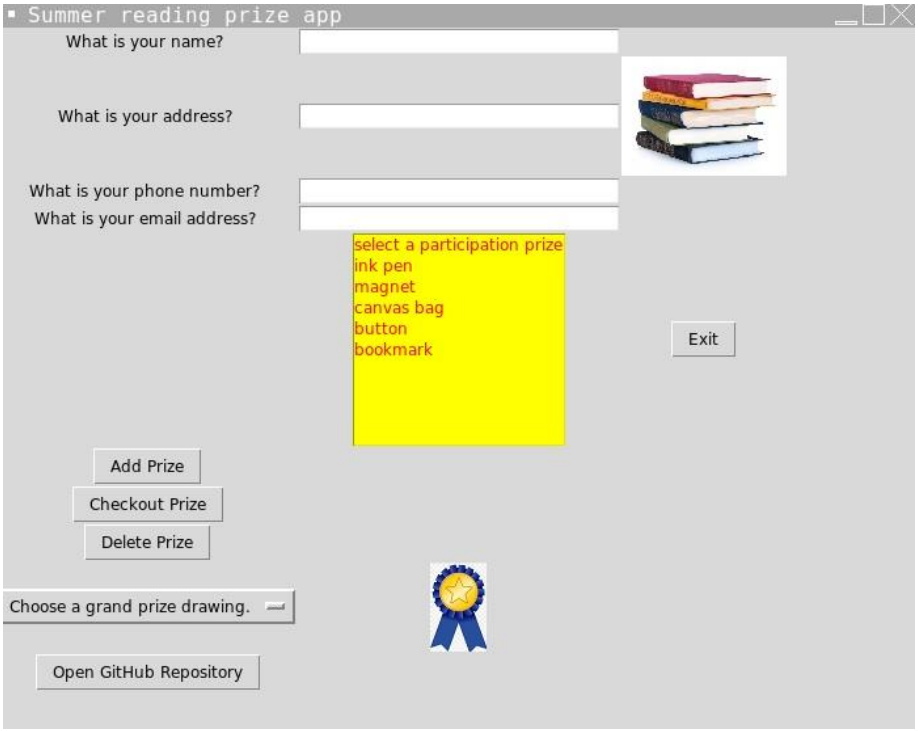
Instructions for the Application

This section will document the basic functions of the application.

Opening the Application

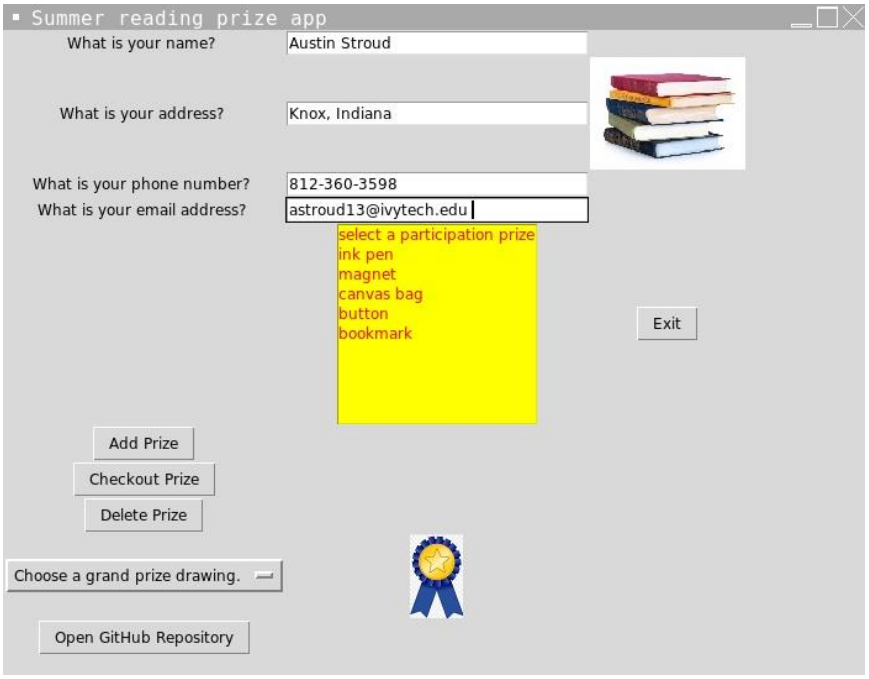
To open the application, a user will need to have access to Python 3.11 with the imaging library installed. The Python website provides documentation and instructions for this process: https://www.python.org/ If you are unsure how to do this, or cannot install the program, a free online compiler such as https://replit.com/ will allow you to upload the files, view, and customize the project's source code and files.

Upon opening the application, a user will see a screen that looks like the below screenshot.



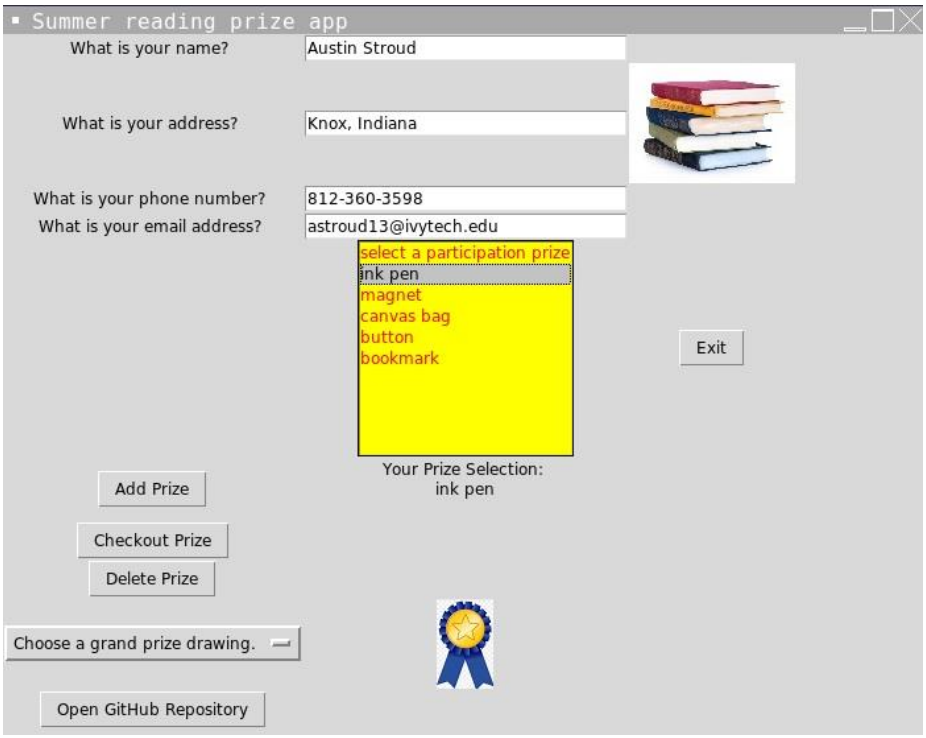
Entering User Information

Next, enter your user information such as in the screenshot below.



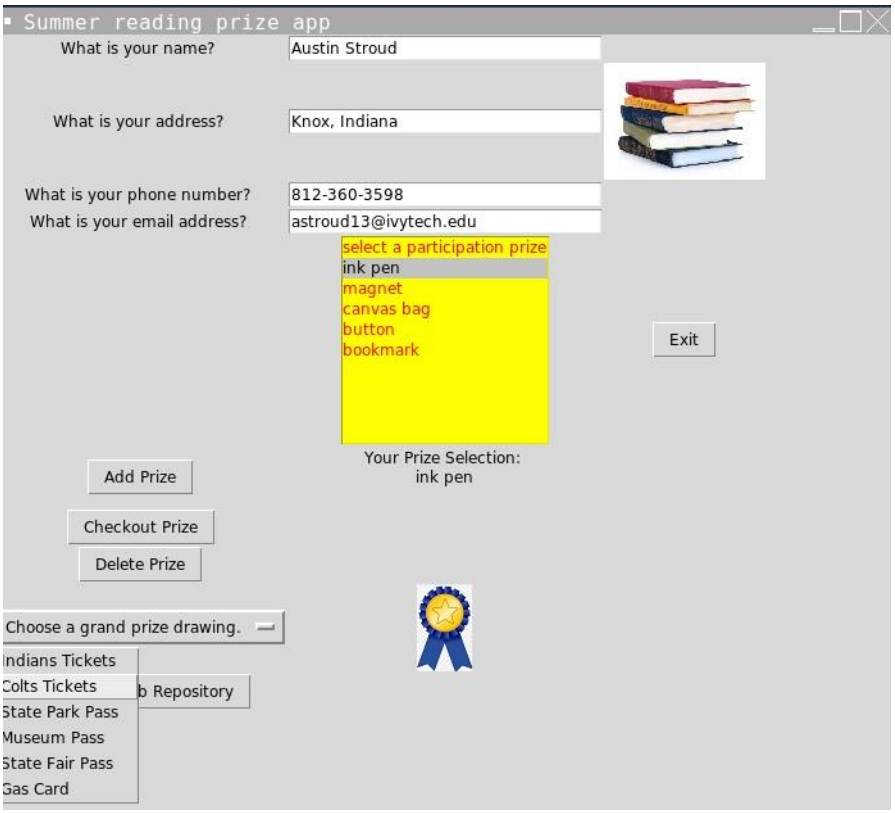
Using the Application

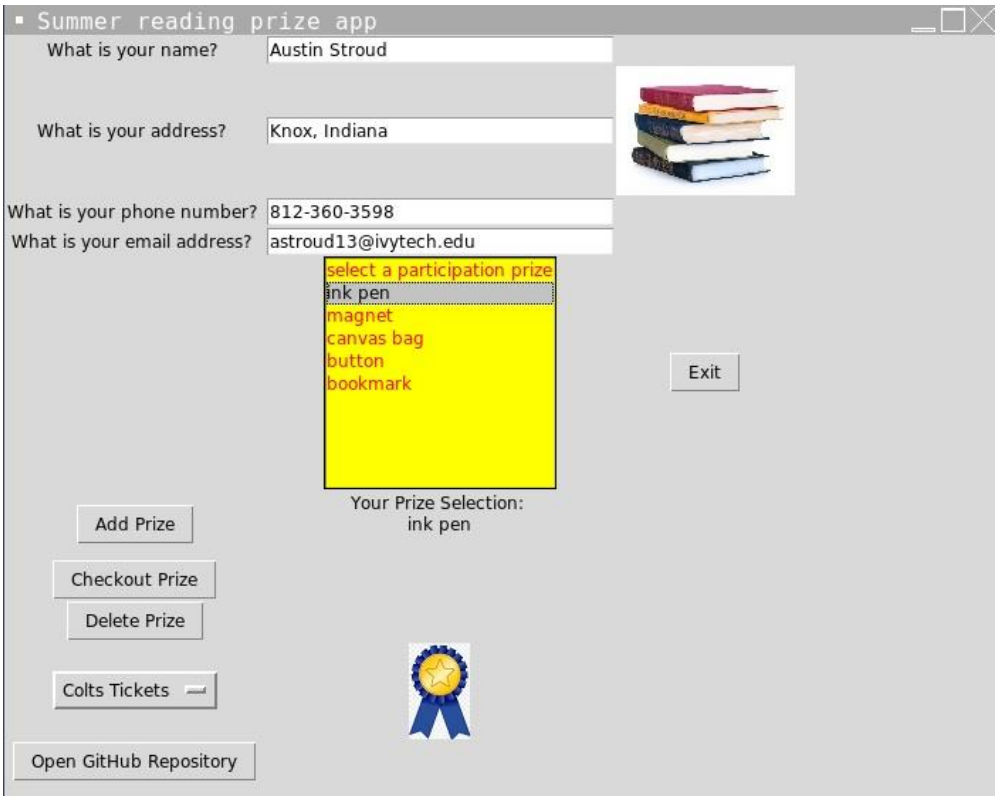
From the list of choices in the yellow box, pick one from the following: ink pen, magnet, canvas bag, button, or bookmark. After selecting one by clicking on it, click the 'Add Prize' button. Your screen will then look like the below screenshot.



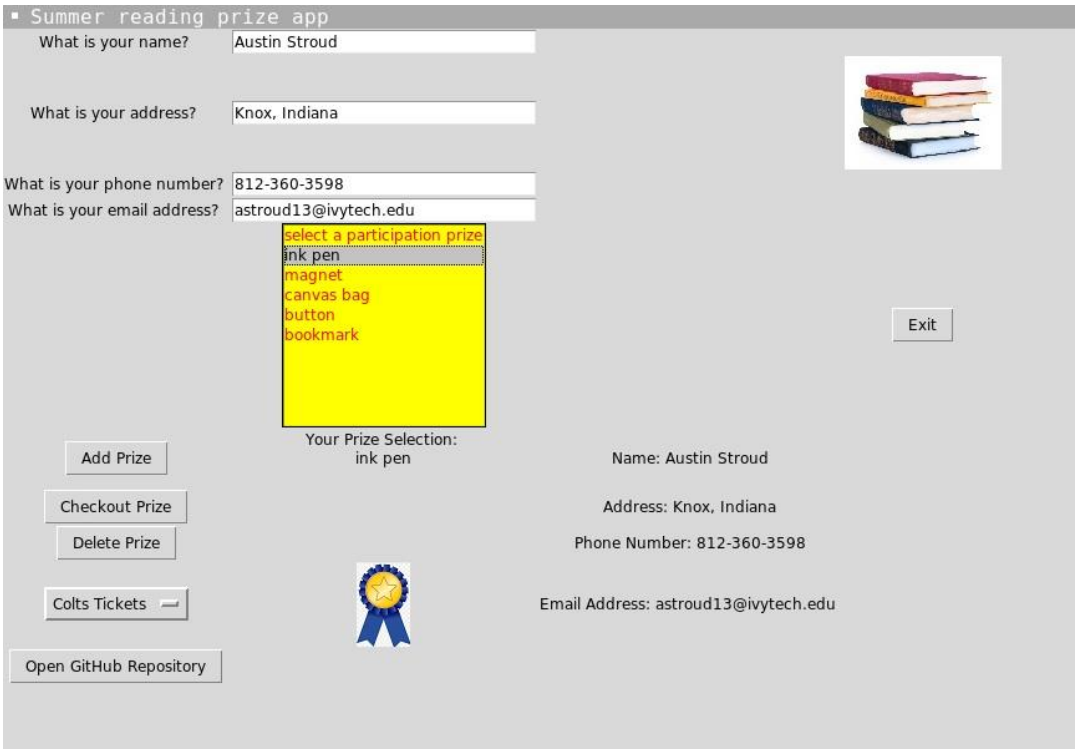
If you are unsatisfied with your choice, you can click on the 'Delete Prize' button which will remove that choice from the list, and you can pick another one. However, if you are satisfied

with your choice, next click on the ‘Choose a grand prize drawing’ box and pick one of the grand prize drawing choices as seen in the screenshots below.

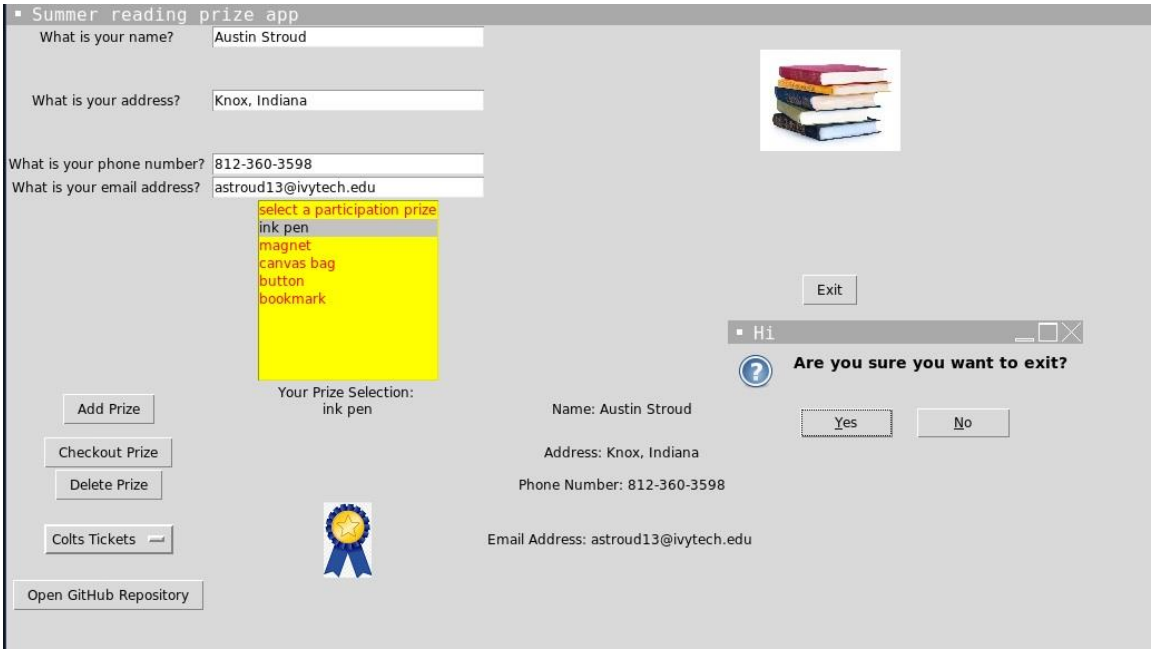




Once you have made all your prize choices, click on the ‘Checkout Prize’ button to see your choices populated on the right side of the application. This will ensure your information is logged into our system.



Finally, upon being done with using the application you can click on the ‘Exit’ button which will pop up a screen as seen below for you to confirm that you want to exit or not.

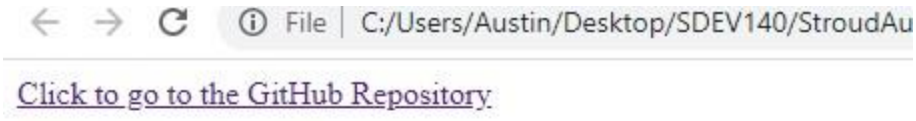


Contact Information

The creator of this project, Austin Stroud, can be reached via email at astroud13@ivytech.edu.

Permissions and Use

If you would like to expand on this project or try to implement this in your own library, you may do so by giving credit to the creator in your implementation.

Need Help?

This documentation and the source code for the Summer Reading Program Application can be found in a public GitHub repository at the following link: https://github.com/astroud13/SDEV140FinalProject This GitHub repository is also linked inside the application. When 'Open GitHub Repository' is clicked, an Internet browser will open with a clickable link as seen in the screenshot below.