

2023

Summer Reading Prize Application



Stroud, Austin

SDEV140, Module 8 Final Project

5/7/2023

Contents

Introduction.....	2
Instructions for the Application	2
Opening the Application	2
Entering User Information	2
Using the Application	3
Contact Information.....	6
Permissions and Use	6
Need Help?.....	6

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.

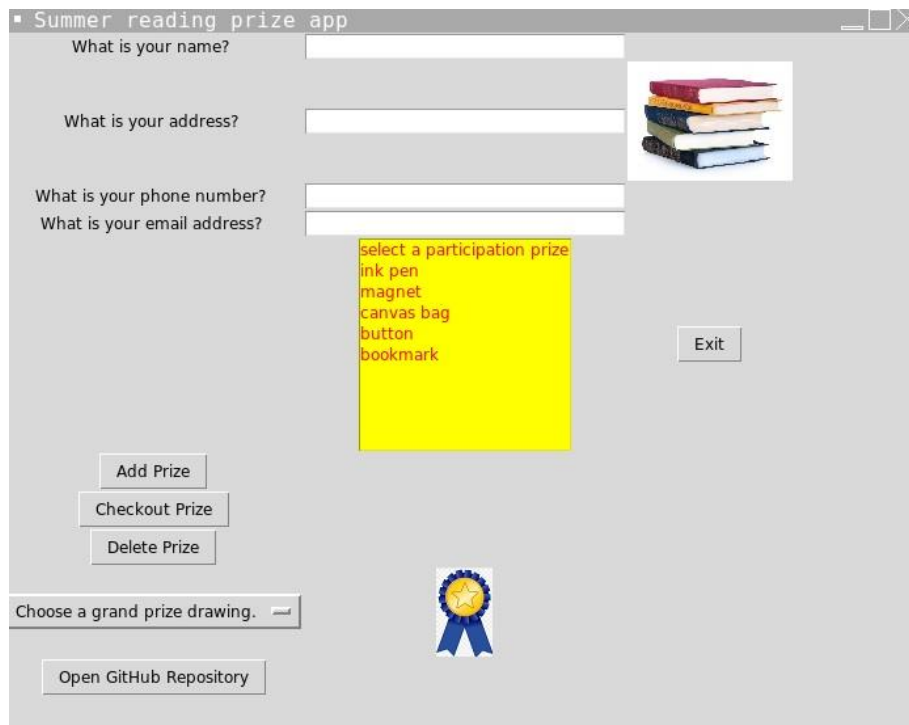
Instructions for the Application

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.



Summer reading prize app

What is your name? Austin Stroud

What is your address? Knox, Indiana

What is your phone number? 812-360-3598

What is your email address? astroud13@ivytech.edu

select a participation prize
ink pen
magnet
canvas bag
button
bookmark

Exit

Add Prize

Checkout Prize

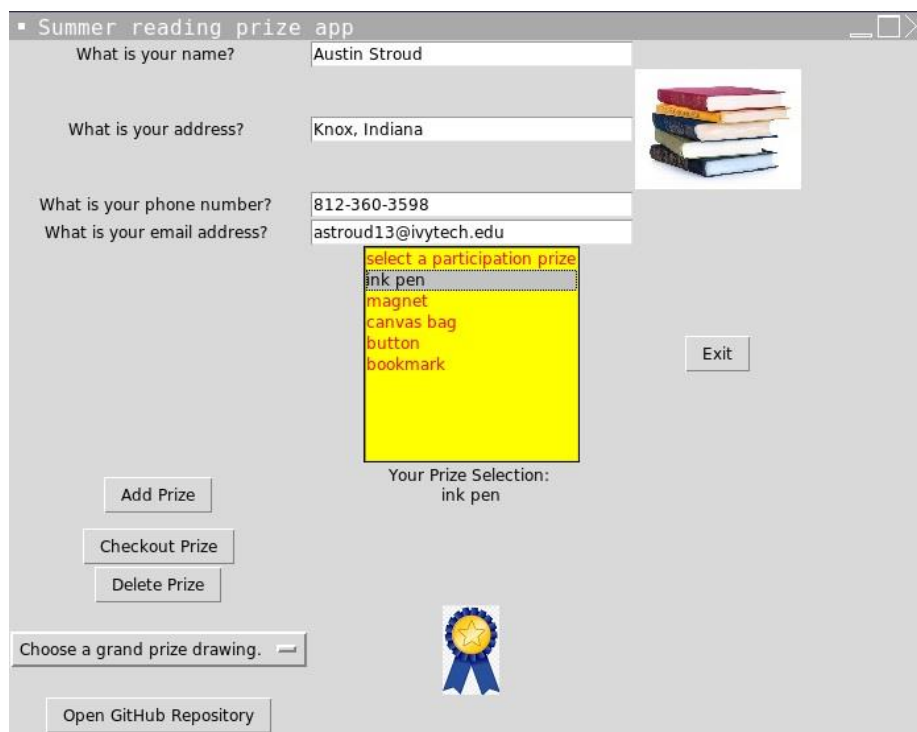
Delete Prize

Choose a grand prize drawing.

Open GitHub Repository

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.



Summer reading prize app

What is your name? Austin Stroud

What is your address? Knox, Indiana

What is your phone number? 812-360-3598

What is your email address? astroud13@ivytech.edu

select a participation prize
ink pen
magnet
canvas bag
button
bookmark

Exit

Add Prize

Checkout Prize

Delete Prize

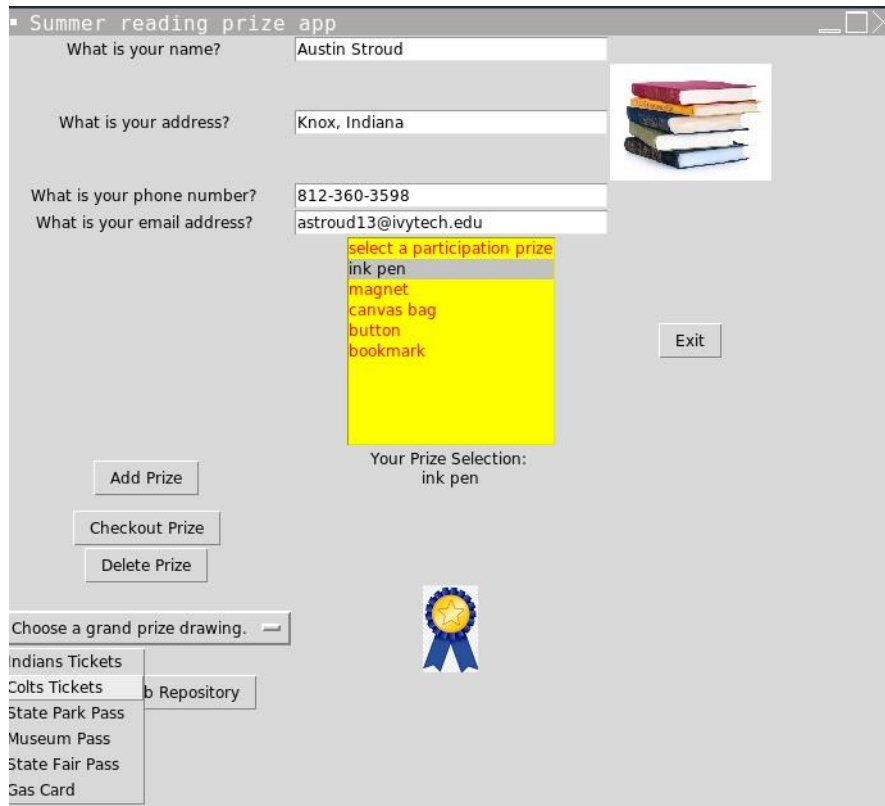
Choose a grand prize drawing.

Open GitHub Repository

Your Prize Selection:
ink pen

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.



Summer reading prize app

What is your name? Austin Stroud

What is your address? Knox, Indiana

What is your phone number? 812-360-3598

What is your email address? astroud13@ivytech.edu

select a participation prize

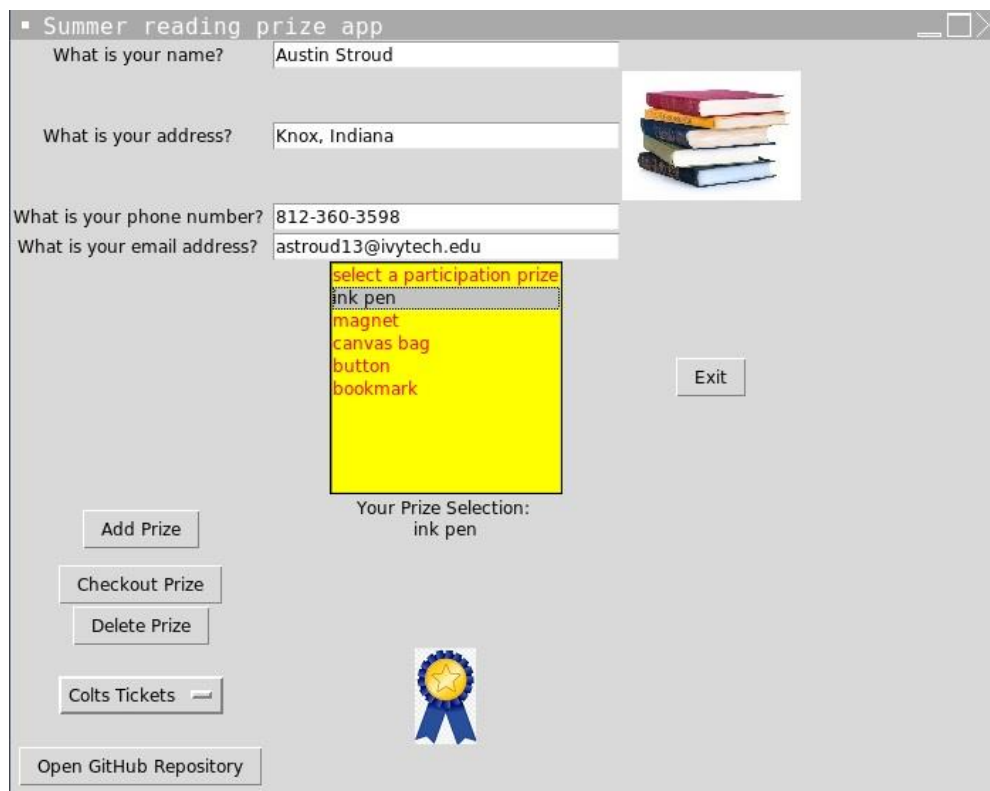
- ink pen
- magnet
- canvas bag
- button
- bookmark

Your Prize Selection: ink pen

Choose a grand prize drawing.

- Indians Tickets
- Colts Tickets
- State Park Pass
- Museum Pass
- State Fair Pass
- Gas Card

Exit



Summer reading prize app

What is your name? Austin Stroud

What is your address? Knox, Indiana

What is your phone number? 812-360-3598

What is your email address? astroud13@ivytech.edu

select a participation prize

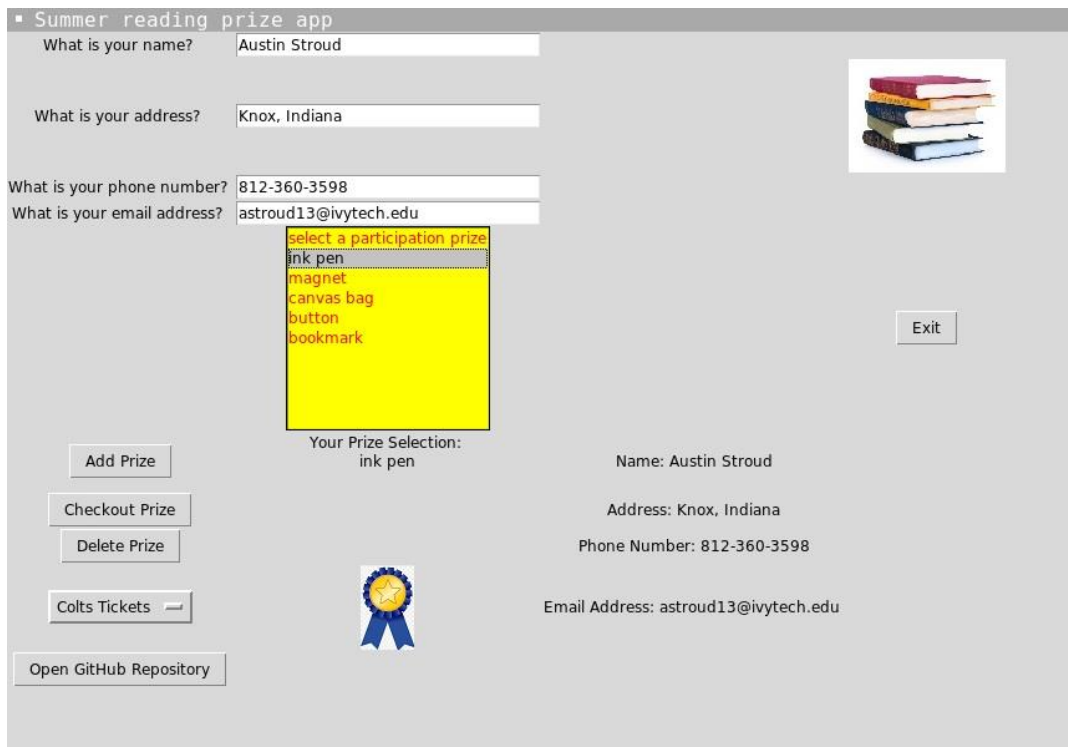
- ink pen
- magnet
- canvas bag
- button
- bookmark

Your Prize Selection: ink pen

Colts Tickets

Open GitHub Repository

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.



The screenshot shows a web application titled "Summer reading prize app". It features a form with the following fields and values:

- What is your name? Austin Stroud
- What is your address? Knox, Indiana
- What is your phone number? 812-360-3598
- What is your email address? astroud13@ivytech.edu

Below the form, there is a yellow box titled "select a participation prize" with a list of items: ink pen, magnet, canvas bag, button, and bookmark. The "ink pen" is selected. Below this box, it says "Your Prize Selection: ink pen".

On the right side, there is a stack of books icon and an "Exit" button. Below the "Exit" button, the user's information is displayed:

- Name: Austin Stroud
- Address: Knox, Indiana
- Phone Number: 812-360-3598
- Email Address: astroud13@ivytech.edu

At the bottom left, there are buttons for "Add Prize", "Checkout Prize", "Delete Prize", "Colts Tickets", and "Open GitHub Repository". A blue ribbon award icon is also present.

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.



This screenshot shows the same application as the previous one, but with a confirmation dialog box open. The dialog box has a title bar that says "Hi" and a question mark icon. The main text of the dialog is "Are you sure you want to exit?". There are two buttons: "Yes" and "No".

The background application is still visible, showing the same form and prize selection options as before.

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.

