

Book Tier List Manager

Purpose of the Application

The purpose of the Book Tier List Manager is to allow users to organize and rank their book collections. Users can categorize their books into different tiers based on their ratings. This tool will help book enthusiasts keep track of their reading experiences and make recommendations.

Reason for Creating the Application

- ☐ To provide an interactive and user-friendly interface for book enthusiasts to manage their collections.
- ☐ To enable users to categorize and rank books, making it easier to remember favorites.

Goals for the Application

- ☐ Allow users to add books to their collection with details such as title, author, genre, and personal rating.
- ☐ Enable users to categorize books into different tiers (e.g., S-Tier, A-Tier, B-Tier, etc.).
- ☐ Provide a feature to view, edit, and delete books from the collection.
- ☐ Include functionality to save the tier list to a file and load it later.

Outline

Outline of the Final Python Tkinter GUI Application

Main Window

- ☐ Title: Book Tier List Manager
- ☐ Components:
- ☐ Label: "Welcome to Book Tier List Manager"
- ☐ Button: "Add Book"
- ☐ Button: "View Tier List"
- ☐ Button: "Exit"

Add Book Window

- ☐ Label: "Add a New Book"
- ☐ Entry: Title
- ☐ Entry: Author
- ☐ Entry: Genre
- ☐ Entry: Personal Rating (1-5)
- ☐ Dropdown Menu: Tier (S-Tier, A-Tier, B-Tier, C-Tier, D-Tier)
- ☐ Button: "Save"
- ☐ Button: "Cancel"

View Tier List Window

- ☐ Label: "Your Book Tier List"
- ☐ Listbox: Display books categorized by tiers

- ☐ Button: "Edit Book"
- ☐ Button: "Delete Book"
- ☐ Button: "Back"
- ☐ Button: "Save to File"
- ☐ Button: "Load from File"

Edit Book Window

- ☐ Label: "Edit Book Details"
- ☐ Entry: Title (pre-filled)
- ☐ Entry: Author (pre-filled)
- ☐ Entry: Genre (pre-filled)
- ☐ Entry: Personal Rating (pre-filled)
- ☐ Dropdown Menu: Tier (pre-filled)
- ☐ Button: "Update"
- ☐ Button: "Cancel"

Callback Functions

- ☐ Add Book
- ☐ Save Book
- ☐ Edit Book
- ☐ Update Book
- ☐ Delete Book
- ☐ Save to File
- ☐ Load from File

☐ Exit Application