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README FILE

PART 1: Replacing Books on their Shelves

Introduction

This Windows Forms application was developed using the .NET Framework 4.8 and is designed for organizing and sorting call numbers. This application uses the "Generate Random" library class, responsible for generating random call numbers to facilitate sorting activities. This readme file will provide an overview of the application's functionality and how to use it effectively.

Application Overview

The application has a total of six forms, each has a specific purpose.

Form 1: Getting Started

The first form is the entry point of the application. It includes a "Start" button.

Clicking the "Start" button will direct you to the "Options" form, where you can choose your desired activity.

Form 2: Options

In the "Options" form, users have the opportunity to select their preferred activity.

Activities include "Replace Books," "Identify Areas," or "Find Call Numbers."

The other buttons, "Identifying Areas" and "Find Call Numbers" are disabled.

Selecting an activity will lead you to the corresponding form for that task.

Form 3: Replacing Books

This form allows users to replace and sort call numbers based on the Dewey Decimal System.

Six buttons are available:

"Generate New": Generates a new template for sorting.

"Check": Verifies if the sorting is done correctly.

"Manual": Provides instructions on using the screen effectively for successful book sorting.

"Options": Redirects back to the "Options" form to select another activity.

Form 4: Achievements Form

The "Score" button in any of the activity-specific forms is responsible for showing your progress and achievements.

After clicking the "Score" button, you will be redirected to the "Achievements" form.

The "Achievements" form will display your accomplishments and what you have achieved during your interaction with the application.

Form 5 & 6: Achievements Form

Consists of the manual information, instructing the user how to use the system.

Additional details:

- · A list used to store the call numbers.
- · LINQ is used to sort the call numbers.

GitHub Link: https://github.com/Pholisa/TheDeweyDecimalSystem.git

Using the Application

To effectively use the application, follow these steps:

Launch the application.

Click "Start" on the first form.

In the "Options" form, choose your desired activity.

Follow the specific instructions and options presented in the subsequent forms based on your chosen activity.

Utilize the buttons provided, such as "Generate New," "Check," "Manual," and "Score," to complete the task and check your progress.

If needed, you can always return to the "Options" form to select a different activity.

Conclusion

This Windows Forms application provides a user-friendly interface for sorting call numbers. It uses the "Generate Random" library class to assist in this process.