

1412252_Midterm

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Introduction

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Student Infomation

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Functions have been done

- Main functions:
 - +void InitChildControl(HWND hWnd, HINSTANCE hInst); //Initialize the controls on the screen
 - +void AddCriteriaComboboxItem(HWND h_cb_hWnd); //Add criteria to combobox Content
 - +void LoadHistory(); // Reading data from history.out file
 - +void SavetoHistory(CDailyExpense Expense); //Writing data to history.out file
 - + void OnclickButtonAdd(); //Data processing when there is a click event on "Thêm" button
 - Listview's functions
 - +BOOL InitListViewColumns(HWND hWndListView); //ListView initialize (Reference listview in msdn)
 - +BOOL AddValueToListView(HWND hWndListView, CDailyExpense Expense); //Add data to listview
 - +LPTSTR getCriteriaByID(int ID); //Returns the string criteria based on the serial number
 - Statistic chart 's functions:
 - +void DrawChart(HDC hdc, long Arr_Value[]); //Redraw the chart when data are updated
 - +void ChartNote(HDC hdc); //Create a legend for the chart
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Getting Started

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Main success scenario

- As a user:
 - +Open the program.
 - +Choose one of six performance criteria spending.
 - +Enter an active content spending.
 - +Enter the amount spent on the money box.
 - +Select the "Add" button.
 - +Expenditure items entered will be added to the spending history.
 - +The program will calculate the total amount of statistics and spending.
 - +The performance criteria by percentage on the chart.
- Activity program:
 - +Initialize the basic controls.
 - +Reading information from the file history.out
 - +Add the data to be read both on listview.
 - +Drawing a graph.
- +When there is an event button "Thêm" is selected:
 - *Check the data entered correctly.
 - *Add the new data to the listview.
 - *Save data to a file.
 - *Update the criteria.
 - *Redraw the histogram.

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Additional flow

- As a user:
 - +Can't add new:
 - +Leave "Nội dung" box empty.
 - +Select "Thêm" button.
 - +Program prevent user from adding by show error: "Ô này không thể để trống. H y nhập vào một nội dung."
- +Leave "Số tiền" box empty.
- +Select "Thêm" button.
- +Program prevent user from adding by show error: "Ô này không thể để trống.H y nhập vào số tiền."
- +Enter to "Số tiền" box a non number character.
- +The program does not allow users entry.
- Activity program:
 - +Run the program, but did not find the file history.out
 - +The program will create a new file history.out
 - +The criteria will be spent are equal percentage.

