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Form1.cs programme flow

if

(LookoneRecord.Checked) if (delete.Checked) if

if(initialize.Checked)if(checkall.Checked) =true =true (create.Checked)

=true =true =true

Open form3

Read”Record.dat” open form4

Open form51

initalize()

//c++ function if “Record.dat”

Is null

Show MessageBox

Show MessageBox "There is no

"Initialization is Record found”

completed"

if “Record.dat” is not null

open form2

Form2.cs programme flow

When Form2 opened When Next button Click When Previous button Click

Read name,email,

phone number if (page number<countrecord() No if (page number >1)

from“Record.dat” //countrecord() is c++ function Yes

Yes Read record from

count =countrecord() Show error “Record.dat”

//countrecord() is Read record from message Read new set of

c++ function “Record.dat” data

name.Text

label4 show “Record 1 pno.Text NO = Record.ReadLine() No

of ?” =Record.ReadLine() ? Previous name,

? email, phone

Yes Number is the

Yes set of data just

name.Text=Previous name read

name.Text = Record.ReadLine() email.text= Previous email

email.Text = Record.ReadLine()

pno.Text = Record.ReadLine() Phone number =

Previous phone number

Page number +1

Page number -1

Label4 show “Record ? of ?”

Label4 show “Record ? of ?”

Form3.cs programme flow

Search by name Search by email & phone number

If(byname.Checked) similar to search by name

Yes

If(String.IsNullOrEmpty Yes label1 show

(showname.Text)) "No Match!"

No

Read record from

“Record.dat”

showname.Text NO Read next

= Record.ReadLine() set of record

?

Yes

showemail.Text = Record.ReadLine()

showpno.Text = Record.ReadLine()

check=1

check =1? No

label1.Text = "No Match!"

Yes

label1.Text = "Match Found!"

Form4.cs programme flow

Delete by name Delete by email & Phone number

Similar to delete by name

if (byname2.Checked)

Yes

if(String.IsNullOrEmpty Yes label1 show

(showname2.Text)) "No Match!"

No

Read record from

“Record.dat”

showname2.Text = No

Record.ReadLine(); Read next set of record

?

Yes

showemail2.Text = Record.ReadLine()

showpno2.Text = Record.ReadLine()

check2 = 1

check2=1? No

label1.Text = "No Match!"

Yes

Show MessageBox

label1.Text = "Match Found!" "Deleted"

Show MessageBox"Confirm to delete the information?" Yes deleterecord(name);

With Yes&No button //c++ function deleterecord(string)

Form51.cs programme flow

Input number to

public variable: no3

The number is integer and No Show Message

between 1 to 10 ? "Please input a integer between 1 and 10"

Yes

Open form52

Form52.cs programme flow

When Previous button click

Page =1

Check = 0

Page >1? No Show Error

Input all data Message

Yes

When Next button click

Page -1

Page<= No Show Message Show Previous data

Form51.no3? "There is no more record"

Yes Label2 show “Record ? of ?”

All the data meet the No

format or requirement?

Yes

writedata(inname.Text);

writedata(inemail.Text);

writedata(inpno.Text);

//c++ function writedata(string)

Page +1

Label2 show “Record ? of ?”