

## Practical 9

Name: Xiaosheng Liang

ID: 15211913

### 1. The problem of program:

```
• 'Xiaosheng, Liang , 34, 67 30'
• Xiaosheng, Liang , , 31
• Xiaosheng, Liang , 78, 90 32
```

As we see in the picture, if we change the information details by using “change” page, the previous information is also printed on the last page.

For the same person, what we are supposed to do is *updated the information not showed repeatedly*.

#### Solution:

Track the user and update the information by using the id which is used when user enter their name (the first id could be get in the “name” page), therefore the information could be updated not showed repeatedly.

```
def index(user_id)
  @id=user_id      #define id of user
  @person = Entry.id #using id to find the same user
  @fname = @person.first_name
  @lname = @person.last_name
  @person.update_attributes({:address => params[:st_name],
    :salary => params[:salary], :loan => params[:loan],
    :loan_reason => params[:reason]})
  if !@person.address.nil? then render "show" end
end

def show(user_id)
  @id=user_id      #define id of user
  @person = Entry.find(:id) #using id to find the same user
end

def change(user_id)
  @id=user_id      #define id of user
  @person = Entry.id #using id to find the same user
  @fname = @person.first_name
  @lname = @person.last_name
  @entry = Entry.create({:first_name => @fname, :last_name => @lname,
    :salary => params[:salary], :loan => params[:loan]})
end

def quote(id)
  @id=user_id      #define id of user
  @person = Entry.id #using id to find the same user
  if !@person.salary.nil? then
    if (@person.salary * 3) < @person.loan
```

### 2. Please follow the following steps:

- Go to “com” folder (“cd com”), and run the server by “rails server”,
- Open the browser and go to the link “localhost:3000/main/welcome”.

- Click the “GO” button and go to the next page, and click the “Next Page” to “goodbye” page. Click “Home” button to go back to the first page.

### 3. rails\_autolink

Yes, we could use autolink.

- Install the rails\_autolink “gem install rails\_autolink” (make sure the version of your rails is greater than 3.1)
- Import this gem by “require ‘rails\_autolink’”
- Write the link which you want to go to in the program.