Pseudo-code (Form Processing)

# HTML FORM

* Enter first name, last name, username, password, and avatar image into HTML form.
* form validates using HTML validation
* IF form does not validate
  + Display error message with where the user missed filling in information
* ELSE
  + Run newUser.php

# newUser.php

* Store form data into an associative array “newUser”
  + firstname[0] => \_POST[‘firstname’]
  + lastname[1] => \_POST[‘lastname’]
  + username[2] => \_POST[‘username’]
  + password[3] => encryptPasswordOnEntry(\_POST[‘password)
    - Password will be encrytped before being saved into associative array
  + file[4] => $\_FILES[‘file’]
* Store image
  + Set target directory to “uploads/”
  + Set the path of the target file
    - “target directory” + “/” + basename(newUser['file’]) + “name”
  + IF file exists,
    - RETURN TRUE
  + Else
    - RETURN TRUE
* Print form items to the browser
  + FOR EACH item in the associative array Except avatar image
    - Echo ITEM
* Display the avatar image