**Change Personal Particular – Basis Path Testing**

**Pseudocode for Change Personal Particular**

Change personal particular;

do

{

if (Click "Change Avatar")

{

do

{

Select one new avatar;

}while (!Click "Confirm");

}

if (Click "Change Email" input box)

{

do

{

Type in new email address

} while (!Valid email address)

}

if (Click "Change Password" input box)

{

Type in new password

}

} while (!Click "Confirm");

Display new personal particular

**Control Flow Graph**

图片包含 文字, 地图



自动生成的说明

**Basic Path**

Cyclomatic Complexity = 6+1 = 7

1. 1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10 – 11
2. 1 – 2 – 5 – 6 – 7 – 8 – 9 – 10 – 11
3. 1 – 2 – 3 – 4 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10 – 11
4. 1 – 2 – 3 – 4 – 5 – 8 – 9 – 10 – 11
5. 1 – 2 – 3 – 4 – 5 – 6 – 7 – 6 – 7 – 8 – 9 – 10 – 11
6. 1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 10 – 11
7. 1 – 2 – 5 – 8 – 10 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10 – 11 – 12

**Test Cases for Basic Paths**

1. The user first clicks “Change Avatar”, selects one new avatar, and clicks “Confirm”. Then, the user clicks “Change Email” input box, types in a new email address, which is validated. After that, the user clicks “Change Password” input box, types in a new password. Finally, the user clicks “Confirm” and the new personal particular is displayed.
2. The user does not click “Change Avatar” but directly clicks “Change Email” input box, types in a new email address, which is validated.
3. The user first clicks “Change Avatar”, selects one new avatar. “Confirm” is not clicked immediately after the avatar is selected, instead the user selects another avatar and then clicks “Confirm”.
4. After changing the avatar, the user dose not click “Change Email” input box but directly clicks “Change Password” input box.
5. After changing the avatar, the user clicks “Change Email” input box. The user types in a new email address, which is invalid. The user is prompted to type in another email address, which is validated.
6. After changing the avatar and email, the user dose not click “Change Password” input box but directly clicks “Confirm”. The new personal particular is displayed.
7. The user first glances through all the buttons displayed on the change personal particular page without clicking anything. After that, the user modifies the avatar, email address, and the password.