

```
1  from os.path import exists
2  from files import read_csv, read_file, write_csv, write_file
3
4  # User CRUD base functions
5  def create_user_file():
6      open('users_profile.csv', 'w').write('xxx')
7
8  def add_user():
9      users=users_display()
10     users.append([name, email]);
11     write_csv('users_profile.csv', users)
12     return users
13
14  def delete_user():
15     pass
16
17  ##def add_user_email():
18  ##  pass
19
20  def user_email():
21     for u in users_display():
22         if u[0] == name:
23             return a[1]
24
25  def change_user_email():
26     pass
27
28  def change_user_name():
29     pass
30
31  def users_display():
32     return read_csv('users_profile.csv')
33
34  # User Post CRUD base functions
35
36  def add_post():
37     author_id
38     title
39     content
40     pass
41
42  def delete_post():
43     pass
44
45  def edit_post():
46     pass
47
48  def print_article_list():
49     pass
50
51  def find_user_post():
52     author_id
```

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53     title
54     pass
55
56 def read_user_record():
57     pass
58
59 # Second, test functions
60 def test_user_file_exists():
61     pass
62
63 # User Test
64 def test_user_name():
65     pass
66
67 def test_user_email():
68     pass
69
70 def test_delete_user():
71     pass
72
73 def test_change_email():
74     pass
75
76 def test_Bill():
77     pass
78
79 def test_add_user_list():
80     pass
81
82 def test_read_user_record():
83     pass
84
85 # User Post Test
86 def test_print_article_list(): #display all
87     pass
88
89 def test_all_user_posts(): #display all by one user
90     pass
91
92 def test_userfour_kittens(): #search by title and user
93     pass
94
95 def test_edit_post(): #user id --> title --> change post content
96     pass
97
98 def test_post_clear_check(): #evaluate if user's posts are gone when
99     # he is deleted
100     pass
101
102 # Main Tests
103 def test_user_crud():
104     pass
```

```
104
105 def test_user_post_crud():
106     pass
107
108 # Run test
109 if __name__ == '__main__':
110     test_user_crud()
111     #test_article_crud()
112
```