

1. Login page:

- Success: Verify if a user will be able to login with a valid username and valid password

```
24 def test_login_valid_credentials(self):
25     # Verify if a user will be able to login with a valid username and valid password
26     response = self.app.post('/', data={
27         'email': self.test_email,
28         'password': self.test_password
29     }, follow_redirects=True)
30     self.assertEqual(response.status_code, 200)
31
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS COMMENTS

```
(.venv) lucaschu@Ls-MacBook-Pro cisc327-group11 % /Users/lucaschu/Documents/GitHub/cisc327-group
11/.venv/bin/python /Users/lucaschu/Documents/GitHub/cisc327-group11/test_app.py
```

```
Ran 1 test in 0.211s
```

OK

- Failure: Verify if a user cannot login with a valid username and an invalid password

```
32 def test_login_invalid_password(self):
33     # Verify if a user cannot login with a valid username and an invalid password
34     response = self.app.post('/', data={
35         'email': self.test_email,
36         'password': 'wrongpassword'
37     }, follow_redirects=True)
38     self.assertIn(b'Invalid email or password', response.data)
39
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS COMMENTS

```
(.venv) lucaschu@Ls-MacBook-Pro cisc327-group11 % /Users/lucaschu/Documents/GitHub
/cisc327-group11/.venv/bin/python /Users/lucaschu/Documents/GitHub/cisc327-group11
/test_app.py
```

```
Ran 1 test in 0.223s
```

OK

2. Register page:

- Success: Verify if a user can sign-up successfully with all the mandatory details

```
--
40 def test_signup_success(self):
41     # Verify if a user can sign-up successfully with all the mandatory details
42     response = self.app.post('/signup', data={
43         'email': 'newuser@example.com',
44         'password': 'newpassword123'
45     }, follow_redirects=True)
46     self.assertIn(b'Account created successfully', response.data)
47
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS COMMENTS

```
(.venv) lucaschu@Ls-MacBook-Pro cisc327-group11 % /Users/lucaschu/Documents/GitHub/cisc327-group11/.venv/bin/python
Users/lucaschu/Documents/GitHub/cisc327-group11/test_app.py
.
```

Ran 1 test in 0.219s

OK

- failure: Verify if the user cannot proceed without filling all the mandatory fields at registration

```
48 def test_signup_missing_fields(self):
49     # Verify if the user cannot proceed without filling all the mandatory fields at registration
50     response = self.app.post('/signup', data={
51         'email': 'incomplete@example.com',
52         'password': ''
53     }, follow_redirects=True)
54     self.assertIn(b'Please provide both email and password', response.data)
55
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS COMMENTS

```
(.venv) lucaschu@Ls-MacBook-Pro cisc327-group11 % /Users/lucaschu/Documents/GitHub/cisc327-group11/.venv/bin/python
Users/lucaschu/Documents/GitHub/cisc327-group11/test_app.py
.
```

Ran 1 test in 0.123s

OK

3. Forget password:

- Success: Verify if the application identifies an existing email correctly during password recovery

```
56 def test_forgot_password_email_already_exists(self):
57     # Verify if the application identifies an existing email correctly during password recovery
58     response = self.app.post('/forgot_password', data={
59         'email': self.test_email,
60     }, follow_redirects=True)
61     self.assertEqual(response.status_code, 200)
62
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS COMMENTS

```
(.venv) lucaschu@Ls-MacBook-Pro cisc327-group11 % /Users/lucaschu/Documents/GitHub/cisc327-group11/.venv/bin/python
Users/lucaschu/Documents/GitHub/cisc327-group11/test_app.py
.
```

Ran 1 test in 0.120s

OK

- Failure: Verify if the application identifies a non-existing email correctly during password recovery

```
63 def test_forgot_password_email_not_exist(self):
64     # Verify if the application identifies a non-existing email correctly during password recovery
65     response = self.app.post('/forgot_password', data={
66         'email': 'nonexistent@example.com',
67     }, follow_redirects=True)
68     self.assertIn(b'Email not found', response.data)
69
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS COMMENTS

```
• (.venv) lucaschu@Ls-MacBook-Pro cisc327-group11 % /Users/lucaschu/Documents/GitHub/cisc327-group11/.venv/bin/python
Users/lucaschu/Documents/GitHub/cisc327-group11/test_app.py
.
```

Ran 1 test in 0.117s

OK