**Test Booking**

import unittest

from zhiliao import login, app

import zhiliao

import flask

class Testmain(unittest.TestCase):

def setUp(self):

self.app = app.test\_client()

self.app.testing = True

def tearDown(self):

pass

def test\_incorrect\_booking(self):

result =self.app.post('/booking/', data=dict(name="316i", price=“145",brand="BMW",bluetooth="bluetooth",seat="5",vehicleType="economic",username="mary",kilometer="150000"),

follow\_redirects=True)

self.assertEqual(result.status\_code,200 )

def test\_correct\_booking(self):

result = self.app.post('/booking/', data=dict(name="316i", price="145",brand="BMW",bluetooth="bluetooth",seat="5",vehicleType="luxury",username="mary",kilometer="150000"),

follow\_redirects=True)

self.assertEqual(result.status\_code, 200)

if \_\_name\_\_ == '\_\_main\_\_':

unittest.main()

**Test config.py**

import unittest

from zhiliao import login, app

import zhiliao

from flask import json

class Testmain(unittest.TestCase):

def setUp(self):

self.app = app.test\_client()

self.app.testing = True

def tearDown(self):

pass

# test whether config data was set up successful

def testConfig(self):

self.assertFalse(app.config['SQLALCHEMY\_DATABASE\_URI'] is '12345')

self.assertFalse(app.config['SECRET\_KEY'] is 'my\_precious')

self.assertTrue(app.config['DEBUG'] is True)

if \_\_name\_\_ == '\_\_main\_\_':

unittest.main()

**Test\_history.py**

import unittest

from zhiliao import login, app

import zhiliao

import flask

class Testmain(unittest.TestCase):

def setUp(self):

self.app = app.test\_client()

self.app.testing = True

def tearDown(self):

pass

def test\_incorrect\_history(self):

result = self.app.post('/history/', data=dict(name="BMW", price="123", password2="1234567899"),

follow\_redirects=True)

self.assertEqual(result.status\_code, 200)

if \_\_name\_\_ == '\_\_main\_\_':

unittest.main()

T**est\_index.py**

import unittest

from zhiliao import login, app

import zhiliao

import flask

class Testmain(unittest.TestCase):

def setUp(self):

self.app = app.test\_client()

self.app.testing = True

def tearDown(self):

pass

# ensure that flask was set up correctly, the reason of returning 302 is redirect(if no login).

def test\_index\_status\_code(self):

result = self.app.get('/')

self.assertEqual(result.status\_code, 302)

if \_\_name\_\_ == '\_\_main\_\_':

unittest.main()

**Test\_login.py**

import unites

from zhiliao import login, app

import zhiliao

import flask

class Testmain(unittest.TestCase):

def setUp(self):

self.app = app.test\_client()

self.app.testing = True

def tearDown(self):

pass

# test return information if username or password are invalid

def test\_incorrect\_login(self):

result = self.app.post('/login/', data=dict(username=“Mary", password="888"), follow\_redirects=True)

self.assertIn('wrong username or password,please try again', result.data)

def test\_incorrect\_login0(self):

result = self.app.post('/login/', data=dict(username="Ma", password="123"), follow\_redirects=True)

self.assertIn('wrong username or password,please try again', result.data)

def test\_incorrect\_login1(self):

result = self.app.post('/login/', data=dict(username="Ma", password="123"), follow\_redirects=True)

self.assertIn('wrong username or password,please try again', result.data)

# test login status when login successful

def test\_correct\_login(self):

result = self.app.post('/login/', data=dict(username="Ma", password="123"), follow\_redirects=True)

self.assertEqual(result.status\_code, 200)

if \_\_name\_\_ == '\_\_main\_\_':

unittest.main()

**Test\_logout.py**

import unittest

from zhiliao import login, app

import zhiliao

import flask

class Testmain(unittest.TestCase):

def setUp(self):

self.app = app.test\_client()

self.app.testing = True

def tearDown(self):

pass

#Return 302 means redirect to main index if logout successful

def test\_logout(self):

result = self.app.get('/logout/')

self.assertEqual(result.status\_code, 302)

if \_\_name\_\_ == '\_\_main\_\_':

unittest.main()

**test\_register.py**

import unittest

from zhiliao import login, app

import zhiliao

import flask

class Testmain(unittest.TestCase):

def setUp(self):

self.app = app.test\_client()

self.app.testing = True

def tearDown(self):

pass

# test return information if username or password are invalid

def test\_incorrect\_register(self):

result = self.app.post('/register/', data=dict(username=“mary", password1="888", password2="999"),

follow\_redirects=True)

self.assertIn('different passwords,please try again!', result.data)

def test\_incorrect\_register0(self):

result = self.app.post('/register/', data=dict(username=“marey", password1="111", password2="000"),

follow\_redirects=True)

# self.assertIn('wrong username or password,please try again!', result.data)

def test\_incorrect\_register1(self):

result = self.app.post('/register/', data=dict(username="marey", password1="111", password2="123899"),

follow\_redirects=True)

#self.assertIn('wrong username and password,please try again!', result.data)

# test regiter status when successful

def test\_correct\_register(self):

result = self.app.post('/register/', data=dict(username="marey", password1="1112", password2="123"),

follow\_redirects=True)

self.assertEqual(result.status\_code, 200)

if \_\_name\_\_ == '\_\_main\_\_':

unittest.main()

**test\_return.py**

import unittest

from zhiliao import login, app

import zhiliao

import flask

class Testmain(unittest.TestCase):

def setUp(self):

self.app = app.test\_client()

self.app.testing = True

def tearDown(self):

pass

def test\_incorrct\_return(self):

result=self.app.post()