My Project

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Contents

Chapter 1

Namespace Index

1.1 Namespace List

Here is a list of all documented namespaces with brief descriptions:

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

Chapter 4

Namespace Documentation

4.1 userInfo Namespace Reference

Classes

- class userInfo

4.1.1 Detailed Description

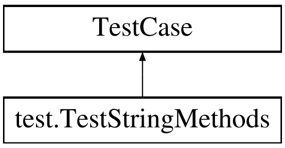
```
@package docstring
```

Chapter 5

Class Documentation

5.1 test.TestStringMethods Class Reference

Inheritance diagram for test.TestStringMethods:



Public Member Functions

- def test_in_database
- def test_not_in_database
- def test_upper_lower_mix
- def test_one_food_calculation
- def test_two_food_calculation
- def test_three_food_but_one_not_in_database_calculation
- def test_none_of_food_in_database_calculation

5.1.1 Detailed Description

```
This class uses to run the unit test for userInfo class
```

5.1.2 Member Function Documentation

5.1.2.1 def test.TestStringMethods.test_in_database (*self*)

```
This method uses to test if findFood function can find food in database
```

5.1.2.2 def test.TestStringMethods.test_none_of_food_in_database_calculation (*self*)

```
This method uses to test if calculateCal function can return correct calories for all food are not in database
```

5.1.2.3 def test.TestStringMethods.test_not_in_database (*self*)

```
This method uses to test if findFood function return false for food not in databases
```

5.1.2.4 def test.TestStringMethods.test_one_food_calculation (*self*)

```
This method uses to test if calculateCal function can return correct calories for one food
```

5.1.2.5 def test.TestStringMethods.test_three_food_but_one_not_in_database_calculation (*self*)

```
This method uses to test if calculateCal function can return correct calories for three food but not in databa
```

5.1.2.6 def test.TestStringMethods.test_two_food_calculation (*self*)

```
This method uses to test if calculateCal function can return correct calories for two food
```

5.1.2.7 def test.TestStringMethods.test_upper_lower_mix (*self*)

```
This method uses to test if findFood function can find food that are mixed string (lower and upper characters)
```

The documentation for this class was generated from the following file:

- test.py

5.2 userInfo.userInfo Class Reference

Public Member Functions

- def findFood
- def calculateCal

Static Public Attributes

- dictionary **dictfood** = {'chickendrumstick':53.5,'egg':1.44,'milk':0.54}
- int **total** = 0

5.2.1 Detailed Description

```
This class uses to find food in our database or API
    and change users' information in databases
    @param dicfood It use to store information of food in case if we cannot use API
    @param total It use to store the total calories of user
```

5.2.2 Member Function Documentation

5.2.2.1 def userInfo.userInfo.calculateCal (*self*, *string*)

```
This method uses to check if the food name in our database or not.
    @param string It is the string name of food from the users.
    @return total calories
```

5.2.2.2 def userInfo.userInfo.findFood (*self*, *name*)

```
This method uses to check if the food name in our database or not.
    @param name It is the name of the food from the users.
    @return true if food in databases, false othewise
```

The documentation for this class was generated from the following file:

- userInfo.py

Chapter 6

PHP Documentation

6.1 Documentation for PHP script

-login.php: received inputs(username,password,email) and protect it with stripslashes and real_escape_string to protect us from the code injection. submit query and if the query return only 1 line we start the session_register and print out login_success.

-login_html.php: a html file that has 3 input for login. and a search bar below.

-login_success.php: start sesstion when success and print login success.

-logout.php: logout php

-signup.php: inserting into database, if user info is set we print succesfully inserting.

-signup_html.php: a html page that has input boxes(username,email,security answer,securty question,pet) and has action:post and connect with signup.php.

-user_main.html: simple search bar

-main.html: has a signup and login button with a search bar in the middle that will be connected to the python files.

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